

20000315.qrp v01_n761.qrl.20000315

Date: Wed, 15 Mar 2000 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1761

QRP-L Digest 1761

Topics covered in this issue include:

- 1) [65694] WTB Ten Tec 515 Accessories
by "Tim Cook" <timcook@erinet.com>
- 2) [65695] Re: Tuna Tin 2
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 3) [65696] Re: Tuna Tin 2
by "Dan W. Dooley" <dandooley@pipeline.com>
- 4) [65697] RE: KU7Y Retirement Sale update
by "NA6E" <na6e@qsl.net>
- 5) [65698] first CW contact
by "Bill Allen" <bill@pcatexas.com>
- 6) [65699] HI - Z Headphones for HW - 7 & 8
by Rick McKee <kc8aon@juno.com>
- 7) [65700] RE: [FOX]: 3/17 (thursday nite)
by "NA6E" <na6e@qsl.net>
- 8) [65701] FOR SALE: SW-40, SW-30, SW-20+, OHR400, AUTEK QF-1A, T1000 TUNER AND TR-4
by "Dana Michael" <damichael@blazenet.net>
- 9) [65702] FS/T: Palomar Wattmeter 2-20-200-2000 watt scales
by "Tim Cook" <timcook@erinet.com>
- 10) [65703] FS: Remaining Books, Back Issues, Hardware, etc
by "KA5T Larry Wise" <lewise@inetport.com>
- 11) [65704] Re: [FOX]: W1FB tonight
by "Steve/n0tu" <n0tu@webaccess.net>
- 12) [65705] Re: Nice DX on 15 meters last night
by "Donny" <dsirait@centrin.net.id>
- 13) [65706] Re: [FOX]: W1FB tonight
by K1JD@aol.com
- 14) [65707] N10DL/Second PELT for 2000
by N10DL@aol.com
- 15) [65708] Re: SMT Soldering Station
by "Bob Tellefsen" <n6wg@earthlink.net>
- 16) [65709] CQ Washington DC/Falls Church
by Paul Womble <pwomble1@tampabay.rr.com>
- 17) [65710] FOX calling CQ...
by N10DL@aol.com
- 18) [65711] Re: [FOX]: W1FB tonight
by "Nick Yokanovich" <k3ny@toad.net>

- 19) [65712] Re: FOX calling CQ...
by Bruce Rattray <rattray@gpfn.sk.ca>
- 20) [65713] FOX HE'S BACK.....0425z
by N10DL@aol.com
- 21) [65714] FOX: W1FB - Ed in Conn, Hunt # 38.
by tom palmer <n1tp@worldnet.att.net>
- 22) [65715] WI QSO Party -- Thanks for the contacts from K9OT
by kb9iua@juno.com
- 23) [65716] Tks Ed for pelt tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 24) [65717] FOX: W1FB - Ed in Conn. Hunt # 38.
by tom palmer <n1tp@worldnet.att.net>
- 25) [65718] Re: Cheap Magnifying Spectacles, Old Guys, SMT
by Dave Fifield <fifield@pacbell.net>
- 26) [65719] Re: [FOX]: W1FB tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 27) [65720] 20 Meter test.
by Ed Loranger <we6w@qsl.net>
- 28) [65721] HW-7 / RX-320 T/R Switching ??
by Gary Newberry <Gdn1@rocketmail.com>
- 29) [65722] W1FB TONIGHT
by "Richard Brummer, K2JQ" <obvious@bestweb.net>
- 30) [65723] RE: HW-7 / RX-320 T/R Switching ??
by Nick Kennedy <nkennedy@tcainternet.com>
- 31) [65724] Easy DX this week
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 32) [65725] T/R switch
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 33) [65726] Re: T/R switch
by Drbob92031@aol.com
- 34) [65727] W1FB/FOX
by K7GT@aol.com
- 35) [65728] FOX: W1FB and 40 meters
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 36) [65729] FOX: TT2 Rube Goldberg Pelt
by "Franco, Nicholas J" <franco@bnl.gov>
- 37) [65730] FS: Ten Tec Argosy II Digital & Options
by Brian Kassel <bkassel@dancris.com>
- 38) [65731] Re: W1FB/FOX
by "John J. McDonough" <wb8rcr@arrl.net>
- 39) [65732] Re: HW-7 / RX-320 T/R Switching ??
by Ray Colbert <af852@rgfn.epcc.edu>
- 40) [65733] OT: joining fists
by "Bill Allen" <bill@pcatexas.com>
- 41) [65734] Looking for used rotor control box
by Johnny <km5im@telepath.com>
- 42) [65735] RE: joining fists
by "AI2Q Alex" <ai2q@ispchannel.com>

- 43) [65736] [FOX] W1FB Preliminary log and comments
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 44) [65737] R.E. QRP+ & PSK31
by Stan Yarema <bg783@scn.org>
- 45) [65738] Re: joining fists
by "Bill Allen" <bill@pcatexas.com>
- 46) [65739] KEY CLICKS
by Kyle Lusk <klusk@bhm vending.com>
- 47) [65740] TT30 output PI filter
by "Rod, N0RC" <n0rc@qsl.net>
- 48) [65741] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
- 49) [65742] Re: [FOX] W1FB Preliminary log and comments
by john@neknetwork.com
- 50) [65743] FOX: W1FB
by "Rod, N0RC" <n0rc@qsl.net>
- 51) [65744] Re: [FOX] W1FB Preliminary log and comments
by john@neknetwork.com
- 52) [65745] Re: [FOX] W1FB Preliminary log and comments
by k1vp@lawson-philpot.com
- 53) [65746] Re: 20 Meter test.
by Dean W Manley <kh6b@juno.com>
- 54) [65747] Re: KEY CLICKS
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 55) [65748] Re: OT: joining fists
by Wb8siw@aol.com
- 56) [65749] Neat Carrying cases at LL Bean
by "Rod, N0RC" <n0rc@qsl.net>
- 57) [65750] RE: joining fists
by "AI2Q Alex" <ai2q@ispchannel.com>
- 58) [65751] Re: XCVR: sell Sierra/KC2 or trade for Sierra/KC1
by Allan G Taylor <agtaylor@llnl.gov>
- 59) [65752] Re: FOX: W1FB and 40 meters
by Monte Stark <ku7y@dri.edu>
- 60) [65753] Re: T/R switch
by Curt Milton <wb8yyy@yahoo.com>
- 61) [65754] Re: FOX: W1FB and 40 meters
by "George T. Baker" <w5yr@att.net>
- 62) [65755] RE: [GQRP] OT: Time Zones and test message!
by "Hubert Smits" <hubert.smits@wxs.nl>
- 63) [65756] DSW-20 INFORMATION-- Help Please.
by Ed Loranger <we6w@qsl.net>
- 64) [65757] RE: [FOX] W1FB Preliminary log and comments
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 65) [65758] Need help with 20 mtr beam
by hamjoel@juno.com
- 66) [65759] RE: W1FB and 40 meters
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>

- 67) [65760] [FOX]: W1RFI Sweetens the pot :-)
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 68) [65761] RCVR:Synchronization
by "Robert Leavitt" <leavittkid@mediaone.net>
- 69) [65762] RE: [FOX]: W1FB tonight
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 70) [65763] Re: W1FB and 40 meters
by Bill Jones <kd7s@psnw.com>
- 71) [65764] Re: QRQ net -- Burning the airwaves.
by Ed Loranger <we6w@qsl.net>
- 72) [65765] Source of 8 pin DIN Female for microphone.
by Ed Loranger <we6w@qsl.net>
- 73) [65766] AEA cross-needle meters
by Joseph Trombino Jr <joebarb@wilmington.net>
- 74) [65767] FS
by E L D <wd7y@pyramid.net>
- 75) [65768] Re: TT30 output PI filter
by "Rod, N0RC" <n0rc@qsl.net>
- 76) [65769] Re: Source of 8 pin DIN Female for microphone.
by Ed Loranger <we6w@qsl.net>
- 77) [65770] Re: [FOX]: W1FB tonight
by Bob Nielsen <nielsen@primenet.com>
- 78) [65771] Mailing list question
by "Mark Erbaugh" <mark@microenh.com>
- 79) [65772] RE: [FOX]: W1FB tonight
by Ed Loranger <we6w@qsl.net>
- 80) [65773] Re: Mailing list question
by "Dan W. Dooley" <dandooley@pipeline.com>
- 81) [65774] Field Day special antenna ?
by Paul Erickson <paule@sfu.ca>
- 82) [65775] HB: W1FB transmitter
by Wa3ptg@aol.com
- 83) [65776] Re: HB: W1FB transmitter
by Curt Milton <wb8yyy@yahoo.com>
- 84) [65777] FOX: W1FB and 40 meters
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 85) [65778] [FOX] W1FB Preliminary log and comments
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 86) [65779] W1FB/FOX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 87) [65780] FS Tape Drive
by "Ron Polityka" <wb3aal@talon.net>
- 88) [65781] WTB: Elecraft K2
by "Tim Cook" <timcook@erinet.com>
- 89) [65782] Re: [FOX] W1FB Preliminary log and comments
by "Pat Cain, K0PC" <pcain@netscape.net>
- 90) [65783] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>

- 91) [65784] 20 meter test reminder.
by Ed Loranger <we6w@qsl.net>
- 92) [65785] For Sale - W7DIB Estate
by Maurice L Haynes <kv7g@juno.com>
- 93) [65786] HB: My SMD Rig
by "Steven Weber" <kd1jv@moose.ncia.net>
- 94) [65787] Re: [FOX]: W1FB tonight
by K1JD@aol.com

Date: Tue, 14 Mar 2000 18:58:20 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [65694] WTB Ten Tec 515 Accessories
Message-ID: <01cf01bf8e11\$2d0d5560\$57725acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a 208A CW filter and 206A Xtal Calibrator for my 515 Argonaut
thanks
tim
NZ8J

Date: Tue, 14 Mar 2000 19:09:34 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Bill Nicolson <n2wf@erols.com>
Cc: "njqrp@njqrp.org" <njqrp@njqrp.org>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65695] Re: Tuna Tin 2
Message-ID: <38CED4BE.E10B4FD3@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Great Idea Bill. It make a lot of sense and its an easy mod that doesn't disturb the TT2 look and feel. Kudos.

Bill Nicolson wrote:

>
> Hi All!,
>
> I finished my Tuna Tin 2 kit over the weekend!! Many thanks to George

From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <n2wf@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65696] Re: Tuna Tin 2
Message-ID: <002601bf8e1a\$9f7e1f40\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone considered possible RF losses through these small toggle switches? They make xmt/rcv changeover easy and cheap, but I've wondered how much attenuation and or load mismatch may occur through them.

I'm collecting parts together to build one and do have several choices of small toggle switches on hand. Actually I'd like to try something solid state, maybe gaining full QSK. Think I've seen some posts hinting at that idea. That would make the circuit a lot more complex however.....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

-----Original Message-----

From: Bill Nicolson <n2wf@erols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, March 14, 2000 6:32 AM
Subject: Tuna Tin 2

>Hi All!,

>

>I finished my Tuna Tin 2 kit over the weekend!! Many thanks to George
>and the Boys for providing a really fun project. Last night I made a
>contact with another Tuna so It was a Tuna x 2 Qso.

>

>I made a small modification to my TT2 Transmit - Receive switch. I
>replaced a SPDT switch with a DPDT so that when in the TX position the
>extra contacts short the RX antenna Jack to ground. See diagram below.

>

>
>-----
>| 1 2 3 | Back of
4 5 6	Switch
>
> /

> /
> /
> TX RX
>
> Term#
> 1- to Rx jack center
> 2- to Tx jack center
> 3- to S1 on PCB
> 4- no connection
> 5- to Ground ring on RX jack
> 6- jumper to terminal 1
>
>I was afraid of overloading the front end of my receiver. I did notice
>some difference but I still turn down the RF gain when transmitting.
>anybody have any Ideas?? I'm going to replace the Hook-up wire inside my
>TT2 with some small 50 ohm coax to see if that cuts down on the amount
>of TX signal getting into my receiver.
>
>72 de Bill N2WF
>
>PS: I hope the Diagram formats for you.

Date: Tue, 14 Mar 2000 17:21:23 -0800
From: "NA6E" <na6e@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65697] RE: KU7Y Retirement Sale update
Message-ID: <LPBBKMHGKJHAFCHLDJBAKEODCDAA.na6e@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The crystals, screwdriver antenna, spider antenna, Turner Mic and the Bay
Pac are sold.

73
Mary, NA6E
Sacramento, CA
QRP-C #7 QRP-ARCI #9923 WHINER'S #2

Date: Fri, 10 Mar 2000 17:09:56 -0600

From: "Bill Allen" <bill@pcatexas.com>
To: <qrp-1@Lehigh.EDU>
Subject: [65698] first CW contact
Message-ID: <003501bf8ae6\$057db9a0\$8ebac1d0@ourtown.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang!

: -))

I finished that DSW-40, blew up the final transistor, repaired that, and now have finally made my first CW contact!

The lucky victim of my poor fist was KD4SWQ, Wood Kelly, of Somerset, KY. Does anyone know how I might contact him via telephone or email?

73
KC5ADF
Bill Allen

Date: Tue, 14 Mar 2000 20:44:53 EST
From: Rick McKee <kc8aon@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [65699] HI - Z Headphones for HW - 7 & 8
Message-ID: <20000314.204500.7943.2.kc8aon@juno.com>

CQ Gang,

Back before I added new audio boards to my Heathkit HW - 7 & 8, I built a set of Hi impedance headphones for them by simply installing a Radio Shack audio transformer (part no. 273-1380) inside an old pair of stereo headphones. The headphones had 16 ohm speakers in the ear pieces, so I wired them up parrallel for 8 ohms then put the audio transformer between them and the cable (it fit neatly inside one earpiece). This audio transformer has a 1000 ohm input that matches the audio output of the HW - 7 & 8, and it has an 8 ohm output which matches the impedance of the speakers. I used some hotmelt glue to attach the transformer to the inside of the headphone to keep it from moving around and breaking the connections. This is a very good setup for those who do not wish to modify their radios. Hope this helps someone.

73...Rick McKee KC8A0N { CW lives as long as I do ! }
Willow Wood,Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

This audio

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 14 Mar 2000 18:10:52 -0800
From: "NA6E" <na6e@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65700] RE: [FOX]: 3/17 (thursday nite)
Message-ID: <LPBBKMHGKJHAFCHLDJBAKEOFCDA.na6e@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be the Fox Thursday pm...0200 utc on March 17th I'll be as close to
7042 as I can and also using RIT. The rig will be K2 #559 and the antenna
will either be the dipole or the Butternut vertical. Exchange will be the
usual and I will send your call at the beginning and the end of the
exchange. I have good copy if you send between 20-22 wpm.. Should be fun.

73
Mary, NA6E
Sacramento, CA
QRP-C #7 QRP-ARCI #9923 WHINER'S #2

Date: Tue, 14 Mar 2000 21:14:45 -0500
From: "Dana Michael" <damichael@blazenet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [65701] FOR SALE: SW-40, SW-30, SW-20+, OHR400, AUTEK QF-1A, T1000 TUNER
AND TR-4
Message-ID: <001901bf8e24\$3fd12060\$2370fea9@mike>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE:

SMALL WONDER LABS SW-40 IN 5"Lx4"Dx1"H CASE WITH CONTROLS ON TOP, FOR FIELD USE. \$90 SHIPPED

SMALL WONDER LABS SW-30 IN 6&1/8"Lx4&1/8"Dx2"H TEN-TEC STYLE CASE WITH CONTROLS ON FRONT, FOR DESK TOP USE. \$90 SHIPPED

SMALL WONDER LABS SW-20+ (SAME CASE STYLE AS THE SW-30) \$90 SHIPPED

OHR400 4 BAND TRANSCIEVER, VERY GOOD CONDITION, \$325 SHIPPED

AUTEK QF-1A AUDIO FILTER, IN GOOD CONDITION. \$45 SHIPPED

AUTEK QF-1A IN FAIR CONDITION (KNOB INLAYS ARE DULL) \$35 SHIPPED

TUCKER T-1000 ANTENNAT TUNER/WATTMETER/ANTENNA SWITCH/DUMMY LOAD. VERY GOOD CONDITION. \$100

DRAKE TR-4 TRANSCEIVER NAD AC-3 POWER SUPPLY. IN GOOD CONDITION. \$200

THANKS,
D.A. "MIKE" MICHAEL W3TS
129 CHURCH LANE
HALIFAX,PA. 17032
1-717-896-3973 BETWEEN 5AND 10PM EST
damichael@blazenet.net

Date: Tue, 14 Mar 2000 21:31:45 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [65702] FS/T: Palomar Wattmeter 2-20-200-2000 watt scales
Message-ID: <029901bf8e26\$9c10a060\$57725acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Model M-835 Great for QRP to QRO. It has 2W, 20W,200W and 2000W scales. this is the led type meter and is instantaneous reading both swr and pwr at the

same time a single LED will light wit has little as 10mw. each led string is 6" long. They are horizontal, SWR on top, PWR on the bottom. I have 2 and am selling one. I have used one for the past 5 years and they are a super qrp meter. The meter size is 9" x 3" x 2.5".

I am asking \$75 + shipping for it. Please email with any questions Would consider trading towards a MFJ 784B DSP filter or similar filter.

Thanks

Tim

NZ8J

Date: Wed, 15 Mar 2000 02:27:01
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [65703] FS: Remaining Books, Back Issues, Hardware, etc
Message-ID: <200003150235.UAA20773@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

ARRL's Low Power Communication - The Art and Science of QRP
Richard Arland, K7SZ Copyright 1999
ARRL Pub # 243
ISBN: 0-87259-733-4 First Edition First Printing 1999
Good shape Soft cover

\$14.00 Shipped CONUS

G-QRP Club Circuit Handbook
Compiled - Rev George Dobbs G3RJV from SPRAT '74 - 82
Copyright 1983
ISBN: 1-872309-00-3
Good shape Paper Cover

\$10.00 shipped CONUS

QRP POWER
Compiled by Joel Kleinman, N1BKE and Zack Lau, KH6CP/1 Copyright 1996
ARRL Pub # 210
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Radio Handbook
William I. Orr, W6SAI Copyright 1970
Library of Congress Catalog Card Number: 40-33904
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Good shape Hard Cover - some highlighting

\$20.00 Shipped CONUS

Radio Communication Handbook
Radio Society of Great Britain Copyright 1968
Fourth Edition Third Printing - 1971
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Phillip H. Smith Copyright 1969
Library of Congress Catalog Card Number: 6-12411
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Wes Hayward, W7ZOI Copyright 1992-1997
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3 1/2 Diskette and User's Guide

\$20.00 shipped CONUS

The 1992 Radio Amateur's Handbook
several Copyright 1991
ARRL Pub # 6
Library of Congress Catalog Card Number: 41-3345
ISBN: 0-87259-169-7 Fifty-Ninth Edition
Good shape Hard Cover

\$15.00 shipped CONUS

The 1986 Radio Amateur's Handbook
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ARRL Pub # 6
Library of Congress Catalog Card Number: 41-3345
ISBN: 0-87259-163-8 Sixty-Third Edition
Worn Soft Cover - Aged Clear packing tape on back binding and first page

\$10.00 shipped CONUS

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Library of Congress Catalog Card Number: 41-3345
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Library of Congress Catalog Card Number: 55-8966
ISBN: 0-87259-206-5 16th Edition First Printing
Good shape Soft Cover

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ARRL Pub # 15
Library of Congress Catalog Card Number: 55-8966
ISBN: 0-87259-414-9 Fourteenth Edition 3rd Printing
Worn Soft Cover - Aged

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Copyright 1968
ARRL Pub # 15
Library of Congress Catalog Card Number: 55-8966
Fair shape Soft Cover

\$5.00 shipped CONUS

The Radio Amateur's V.H.F. Manual
ARRL Copyright 1968
ARRL Pub # 15 (That's what it says...)
Library of Congress Catalog Card Number: 55-8966
Good shape Soft Cover

\$5.00 shipped CONUS

Technical Manual Sylvania Radio Tubes
Copyright 1951
Eighth Edition 3rd Printing
Well worn and aged...
10 in by 6 in Leatherette multi ring loose leaf binder
Has about 7/8 in of pages in it. Includes some TV tubes,
1,3,6,7,12,14,19,25,28,35,45,50,70,80,117 numbered tubes.

\$10.00 shipped CONUS

QST - July 1968 thru Dec 1998
Can have for the taking. Local pickup only.
Must take them all.

CQ - Jan 1985 thru Dec 1998
Can have for the taking. Local pickup only.
Must take them all.

73 - Feb 1965 thru Feb 1992

Includes the good years when Jim Fisk was Editor...
Can have for the taking. Local pickup only.
Must take them all.

Amsat journals from Mar 1980 thru Dec 1999 under
various names.
Can have for postage or pickup. About 8 - 8 1/2 in worth.
Must take them all.

TT-1330 30 meter xcvr built by me from kit.
Works fine. Full documentation.

\$75 shipped CONUS

Feel free to make offers on anything you are interested in.

Larry KA5T
Georgetown, TX

Date: Tue, 14 Mar 2000 19:38:16 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [65704] Re: [FOX]: W1FB tonight
Message-ID: <00c501bf8e27\$c6eaab40\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ditto, I'm stuck in a dinner meeting about the time you read this! And the hounds will be bailing over the beloved W1FB memorial FOX. But I have no rig, no way to excuse myself for an urgent phone call and W1FB pelt!! But

there'll be other W1FB events I'm sure.

Steve/n0tu - temporarily in Bodega Bay, CA

-----Original Message-----

From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, March 14, 2000 4:21 PM
Subject: Re: [FOX]: W1FB tonight

>And here I set in a hotel room in Tulsa tonight, sans radio.....

>

>Dog-gone-it! Why didn't I bring the DSW-40?

>

>

>Dan W. Dooley WB5TKA Bedford, Texas EM12ku

> e-mail to: dandooley@pipeline.com

>May Goddes love blest ye alle

>SOC#198

>"Ancient Pistol, I do partly understand your meaning."

>

>

>-----Original Message-----

>From: Hare, Ed, W1RFI <w1rfi@arrl.org>

>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>Date: Tuesday, March 14, 2000 3:07 PM

>Subject: [FOX]: W1FB tonight

>

>

>>Hi, guys,

>>

>>Just a reminder, W1FB, CT, Ed, #2222 will be the fox tonight at 0300-0500
Z

>>on or about 7041.5 or 7039.5, depending on QRM and my crystal. I will be

>>using the Tuna Tin 2, about 800 milliwatts, conditions warranted, and will

>>switch over to my Omni D if the rate slows way down. Antenna is a
40-meter

>>inverted vee at about 45 feet.

>>

>>

>>73, Ed Hare, W1RFI, op tonight for W1FB

>>

>

>

>

>

>

>

>

>

>

>

>

Date: Wed, 15 Mar 2000 09:57:59 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<radioroom@hotmail.com>
Subject: [65705] Re: Nice DX on 15 meters last night
Message-ID: <00b001bf8e2b\$179a7680\$f0ee92ca@donny>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wonder why 15 meters is rarely considered in the US since this band is very much alive at this high sunspot. I even managed to work DXCC in less than a year on 15 during the previous lull of the sunspot.

Try 15 and you'll be rewarded with nice DX, low profile antenna and QRP friendly (very much like 10 meter). Try it even at night you'll be surprised that the band is still alive till late at night.

vy 72 de Donny YB1BOD ex YB6LD/1
Bekasi Indonesia

----- Original Message -----

From: Peter Pavlovich <radioroom@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, March 14, 2000 20:57
Subject: Nice DX on 15 meters last night

> Howdy Guys,

>

> Just a quick note. Don't forget to try 15 meters at night. Last night I
> had a very nice 1 watt, QRP QSO with Igor, RA9UX in Kemerovo, Russia. He
> was a solid 579 and I received a very nice 559 from Igor. Neither of us
> needed to repeat a single thing during our 20 minute QSO. (I was using my
> FT-1000mp cranked down, WM-2, and ground mounted Butternut vertical)

>

> The real point here is not really a show and tell deal. Rather, just a
> reminder to all that 15 meters is very quiet and lightly populated at
night

> these days....but also quite open. Just tune around and listen. Chances
are

> better than 50/50 that the few stations you hear are indeed DX. The best
> part is that because there is so much room on the band, there is virtually
> no QRM and these QSO's seem to be a "clear shot". Running QRP, you gotta

> like that.
>
> 72 to all,
>
> Peter Pavlovich N8EVJ
>
>
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>
>

Date: Tue, 14 Mar 2000 22:10:19 EST
From: K1JD@aol.com
To: w1rfi@arrl.org, qrp-l@lehigh.edu
Subject: [65706] Re: [FOX]: W1FB tonight
Message-ID: <c9.237c29c.2600591b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

> I will be using the Tuna Tin 2, about 800 milliwatts

Ed:

Wow - you were an honest S8 here! Somehow expected that the skip would be too long for us this late in the evening.

Thanks for the pelt!

73,
John K1JD
Jamestown, RI
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & 583

Date: Tue, 14 Mar 2000 22:31:38 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [65707] N10DL/Second PELT for 2000
Message-ID: <da.215d0b9.26005e1a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Thank you Ed for pulling me out of the loud noise. I guess RIT really works. I did not realize you were calling me the first time, I had a loud BC come up just then.

WOW, 2 pelts in two months, AND W1FB in the log TWICE in two months also. You were really strong the second time you came back to me.

The TT2 is still not working as I have been too busy to spend much time on it in the last week. Need to get it to my friend with the scope to find out what is wrong.

Thanks agaon

Aron

N10DL

Bedford, NH

QRP-L#1326

Date: Tue, 14 Mar 2000 19:39:13 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [65708] Re: SMT Soldering Station
Message-ID: <01bf8e30\$08352be0\$e8d6fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod

I picked up the soldering station from Circuit Specialists that was mentioned here not long ago. \$39.95.

Used it today and looks like a winner, especially at that price.

73, Bob N6WG

Date: Tue, 14 Mar 2000 22:42:23 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65709] CQ Washington DC/Falls Church
Message-ID: <38CF069F.BF4C28E5@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will be in Falls Church VA from April 1st through April 15th. All of my evenings and probably one day on each weekend should be free. Are their any club (QRP or otherwise) meetings or other ham gatherings during that time?

I will have the K2 along and should be QRV from my hotel on cw and ssb.
Will have the 2/440 ht also.

Thanks.
Paul AJ4Y

--
Polk County Amateur Radio Emergency Services:
<http://www.qsl.net/polkares>
Lakeland Amateur Radio Club:
<http://www.qsl.net/k4lk1>
Florida Contest Group:
<http://www.qsl.net/fcg>

Date: Tue, 14 Mar 2000 23:07:48 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [65710] FOX calling CQ...
Message-ID: <47.2217ac6.26006694@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ed is callingCQ FOX now at 0406 with no takers...Go get him guys and gals....
Aron
N10DL

Date: Tue, 14 Mar 2000 23:10:18 -0500
From: "Nick Yokanovich" <k3ny@toad.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65711] Re: [FOX]: W1FB tonight
Message-ID: <009301bf8e34\$61b293c0\$e7bd21a2@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed, thanks for being my first ever fox pelt! Solid S5 in
heavy QRM in MD at 0338Z.

Nick, K3NY, K2 #240 (exquisitely built by Dan Copeland/N0DT)

Date: Tue, 14 Mar 2000 22:11:33 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: N10DL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65712] Re: FOX calling CQ...
Message-ID: <Pine.LNX.3.95.1000314221107.27191F-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gotta hear him first!not a peep here so far.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Tue, 14 Mar 2000 N10DL@aol.com wrote:

> Ed is callingCQ FOX now at 0406 with no takers...Go get him guys and gals....
> Aron
> N10DL
>

Date: Tue, 14 Mar 2000 23:29:11 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [65713] FOX HE'S BACK.....0425z
Message-ID: <ce.2bb7d4d.26006b97@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ed is back calling CQ again at 0425 and giving some pelts out. W2XN just got his pelt...

Aron
N10DL

Date: Tue, 14 Mar 2000 23:38:43 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [65714] FOX: W1FB - Ed in Conn, Hunt # 38.
Message-ID: <38CF13D3.77FE2973@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's another "Sweep" for the Swamp Rats!
Wonder how those ol' Houston Hounds are doing?

Tom, N1TP
Naples., Fl.

Date: Tue, 14 Mar 2000 23:36:34 EST
From: kb9iua@juno.com
To: qrp-l@lehigh.edu
Subject: [65715] WI QSO Party -- Thanks for the contacts from K9OT
Message-ID: <20000314.222737.5367.1.kb9iua@juno.com>

Even though we weren't QRP working at the K9OT multi-multi station in Lafayette WI in the Wisconsin QSO Party last Sunday (with the amps some of the operators had connected to their rigs, we weren't even close :-(), I still want to thank the several QRP stations that provided us contacts. I worked the 15m station, both CW and SSB, most of the time (plus about 1-1/2 hours of 80m CW at the end, including working AE9K). Several people called me, and when we were SSB, they were quite proud to claim that they were QRP on their K2 rig -- for each of them (sorry, I cannot remember calls) I had to compliment them and ask them what serial number they had. The K2 is one nice sounding rig on phone -- I had no trouble hearing them. Way to go Elecraft.

Thanks again to any and all QRP stations that provided us with contacts at K9OT! (I haven't seen our final tally yet -- I know we were down from last year, as there seemed to be a bit less activity on the bands.) I hope you all did well and had fun! I sure did.

Cheers/73. Kevin, KB9IUA, Rock Island IL

Kevin Anderson, KB9IUA, Rock Island IL EN41
e-mail: KB9IUA@juno.com Opinions all my own.

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 14 Mar 2000 23:45:22 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [65716] Tks Ed for pelt tonight
Message-ID: <200003142346_MC2-9D1B-1DB7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Ed:

Thanks for digging me out of the extremely heavy QRM from SSB, QSO's, heterodynes and such. Very sorry for the possible DUPE, but just couldn't be certain if you had QSLed.....so I jumped back in and kept at it. Sorry if I QRMed someone else by accident. Sure was not intentional.

It was quite a challenge to hear you with your 800 mw....but the K2 did a great job. Tonight I wished for a Notch and IF Shift with it, but the filters Ed WE6W got the job done anyway.

Thanks, Ed, and thanks also for serving as our FOX! Can hardly wait to receive the certificate. It will have a special place on my shack wall :-).

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Wed, 15 Mar 2000 00:39:02 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [65717] FOX: W1FB - Ed in Conn. Hunt # 38.
Message-ID: <38CF21F6.9199D37E@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ED did a magnificent effort this hunt under very poor band conditions. Much white noise and QRM, including one QRO QSO walking on ED, which forced him to QSY to 7.039.50 for a while. The band cleared up a little during the last 15 minutes or so and many Hounds could then be heard clearly here in SW Florida, especially those "Pesky Texans." I hope KQ5U got his pelt at the last minute. Heard K5JHP 579 at the very end of the hunt, but am not sure he got his pelt. It was then "panic" time and a few Hounds were baying at Ed, trying hard to get under the wire. WOJOE and K0EVZ were especially loud here in SW Florida. I believe K1JD was NUMERO UNO tonight. Heard K1VP and K1QM get their pelts very early in the Hunt. The Hounds were very courteous tonight as well. They followed Ed's suggestions and did not call him until he could be heard. Can't wait to read Ed's Log.

Tom, N1TP
Naples, Florida
QRP-L # 1317
"Almost in the Everglades"

Date: Tue, 14 Mar 2000 21:48:52 -0800
From: Dave Fifield <fifield@pacbell.net>
To: kizerian@ced.utah.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65718] Re: Cheap Magnifying Spectacles, Old Guys, SMT
Message-ID: <00e301bf8e42\$24d83c80\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Thanks for the explanation Bruce. I learned a lot from this and

it does explain all that I noticed quite nicely. From the descriptions that I have had from other email, it actually seems to me that I should try to find one of those headband-flip-over thingys as they are the easiest to use. I'm going to keep my eyes open at the next few flea markets.

Thanks again,
72, Dave Fifield, AD6A

----- Original Message -----

From: Bruce Kizerian <kizerian@ced.utah.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 14, 2000 6:04 AM
Subject: Re: Cheap Magnifying Spectacles, Old Guys, SMT

> You are right Dave. With the combined lenses working distance is
> close. I guess I should have mentioned that I like to get up close
> to my work.
>
> Diopter is not magnification though it is directly proportional to
> it--the higher the diopter, the higher the magnification. Diopter is
> the refractive power of a lens expressed as the reciprocal of its
> focal length in meters. +3.0 diopters is typically about 1.75X.
> Typically, because the actual magnification depends on distance from
> the eyes and the characteristics of an individual's eyes.
>
> An explanation from the Edmund Scientific catalog helps understand
> how a simple magnifier works:
>
> "10" is assumed to be the closest vision you can focus for
> comfortable vision. An object only one inch from your eye would be
> 10 times larger, but out of focus. A magnifier's function is to make
> this close view possible." In other words a magnifier brings the
> close view into focus.
>
> You can get fairly high magnification and long working distance, but
> the optical system is more complicated and very expensive. You need
> two small telescopes positioned a few mm in front of your eyes. You
> may have seen these devices. Doctors use them to do delicate
> surgery. If you can afford them this is the best device for doing
> close small detailed work.
>
> Sorry, about the confusion--hope this clears it up.
>
> Bruce
>
> kk7zz

>
>

Date: Wed, 15 Mar 2000 00:13:31 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:k3ny@toad.net" <k3ny@toad.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [65719] Re: [FOX]: W1FB tonight
Message-ID: <200003150107_MC2-9D15-DCE3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Nick:

I clearly heard both you and Ed, who was somewhat stronger then than he had
been earlier, as the band was getting longer here. Great job, guy!

72,

--Doc Lindsey/K0EVZ
 DSBF
 PO BOX 6028
 Bismarck, ND 58506
 K0EVZ@arrl.net

Date: Tue, 14 Mar 2000 23:04:51 -0800
From: Ed Loranger <we6w@qsl.net>
To: Gody Siason <Gody99@aol.com>, Low Power Amateru Radio Discussion <qrp-
l@lehigh.edu>
Subject: [65720] 20 Meter test.
Message-ID: <38CF3613.74B84CE6@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, thanks to all who tried to call me on 20 meters. The
results were positive. I wasn't sure if I could live
with the rig being high on zerobeat and the test
proved it is not a pleasant experience to keep turning
on the RIT!

So I've added a 75 pF capacitor in parallel with the C14 zerobeat capacitor. All has been checked out on the spectrum analyzer with the siggen antenna/spectrum analyzer antenna in place, and the DSW-20 to a dummy load. With both sigs zeroed on the analyzer, the C14 has range for a perfect tonal match of the incoming signal and the sidetone.

I am going to run one more final test tomorrow with the rig in a known good state.

Tonight, thanks to the following who made it in before the band fell:

NW7DX, Ben in WA.

WOAV, George in MO

K1QM, Joel in MA

NJ7I, Scott in OR (we reminisced on his old NF3I callsign)

K7GT, Allan in CA, which is usually a skip zone on 20 meters but 229 sig reports are still QS0's.

Output here was 2 watts, DSW-20, norcal paddles from 20 to 35 WPM (QRQ with Ben :) And the folded dipole terminating the twisted teflon feedline. Dipole was for 40 meters but matched nicely on 20 meters.

Tomorrow, same time, same band. Thanks gang! -Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068

<http://www.qsl.net/we6w> Santa Rosa, CA

Addicted to peanut butter and honey sandwiches!

Date: Tue, 14 Mar 2000 23:56:54 -0800 (PST)
From: Gary Newberry <Gdn1@rocketmail.com>
To: qrp-l@lehigh.edu
Subject: [65721] HW-7 / RX-320 T/R Switching ??
Message-ID: <20000315075654.12787.qmail@web2905.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm curious if others have come up with a good method (T/R switch schematic) for using a separate receiver with their QRP Tx ? I've got a HW-7 and I'd *love* to be able to use

my PC Based Ten Tec RX-320 Rcvr with it but haven't come up with anything good short of a knife switch or diddling in the T/R switching of the HW-7.

TIA

73 Gary K8IQ

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Tue, 14 Mar 2000 23:00:38 -0500
From: "Richard Brummer, K2JQ" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>
Subject: [65722] WIFB TONIGHT
Message-ID: <000201bf8e73\$a4153620\$42685ed1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,

I have to echo what N10DL said -- thanks for pulling me out of the noise. I went up about 700 Hz and tried to pick a relatively clear spot. QRM & QRN were horrible tonight, and I also did not realize at first that you were calling me -- I think I heard you on the second "JQ."

Thanks for another chance to work W1FB !

73,
Dick K2JQ
Mahopac, NY
QRP-L #1811

Date: Wed, 15 Mar 2000 06:24:00 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'Gdn1@rocketmail.com'" <Gdn1@rocketmail.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65723] RE: HW-7 / RX-320 T/R Switching ??
Message-ID: <01BF8E47.0F503480.nkennedy@tcainternet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

There's an rf-sensing T/R switch in Solid State Design for the Radio Amateur that I built. It uses a 555 for adjustable drop-out time and a relay to actually switch the antenna. I made mine with switchable rf sensitivity so I could use it with boat anchors and with QRP--but it works over a good wide range anyway.

72,

Nick, WA5BDU

-----Original Message-----

From: Gary Newberry [SMTP:Gdn1@rocketmail.com]
Sent: Wednesday, March 15, 2000 1:57 AM
To: Low Power Amateur Radio Discussion
Subject: HW-7 / RX-320 T/R Switching ??

I'm curious if others have come up with a good method (T/R switch schematic) for using a seperate receiver with their QRP Tx ? I've got a HW-7 and I'd *love* to be able to use my PC Based Ten Tec RX-320 Rcvr with it but haven't come up with anything good short of a knife switch or diddling in the T/R switching of the HW-7.

TIA

73 Gary K8IQ

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 15 Mar 2000 07:56:01 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [65724] Easy DX this week
Message-ID: <v03110700b4f52962c82d@[132.235.81.102]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

A local ham is on the Little Caymen Island all this week. This island is just south of Cuba, which is south of Florida and is a counter for DXCC. John, NC8V is operating as ZF2JC/ZF8. He is running an FT-840 and a homebrewed 40 - 10 meter vertical.

Frequencies are 14.260, 21.260, 28.460 SSB + or - QRM.

CW is 14.024, 21.024, 28.024, listening up a khz or so.

WARC freqs too.

It is a great shot for QRP, so give it a try. QSL via his home call, NC8V.

Tell him NS80 says hi!

73 de NS80

Date: Wed, 15 Mar 2000 07:25:44 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [65725] T/R switch
Message-ID: <0974781F4FC8D211A24600902727E806011B202B@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Is there such a thing as an outboard surface mount device pin diode switch for qrp transmitters? It would seem that this might be a nice option to offer with the qrp rigs that are being kitted. Hint Hint.

Hal

Date: Wed, 15 Mar 2000 08:41:10 EST
From: Drbob92031@aol.com
To: hdeitz@ms.rose.cc.ok.us, qrp-l@lehigh.edu
Subject: [65726] Re: T/R switch
Message-ID: <45.1a1d536.2600ecf6@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hal et al;

Many years ago when tubes were the only thing around I built ;from the ARRL Handbook; a T/R switch. I imagine that same switch can be made today with solid state components considering the small power output of the QRP rig. To answer the question. YES it is doable (I think).
72/73 de WA2EAW..Bob

Date: Wed, 15 Mar 2000 09:42:29 EST
From: K7GT@aol.com
To: qrp-l@lehigh.edu
Subject: [65727] W1FB/FOX
Message-ID: <7b.2352b0e.2600fb55@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The only clear signal on the FOXHUNT last night was K0EVZ at 569. Others were 229-ish. I may have heard Ed-W1FB at 119, more a mirage or specter than a signal. Not a chance from CA!

KD7S, however, was carrying forth with KW6AR upstate in Willits. Both had ear-splitting signals here.

73

Allan K7GT

Pleasanton CA ...just down the road from Pacificon!

Date: Wed, 15 Mar 2000 08:50:45 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [65728] FOX: W1FB and 40 meters
Message-ID: <200003151450.IAA30640@mail.lib.colum.edu>

Couldn't hear W1FB between 0300 and 0400Z at all in Northern Illinois, though I could hear a few people calling and fewer actually succeeding.

At about 0408Z I began to hear him (my guess is he

switched rigs as predicted.) However, the noise and QRM was so horrendous that I became discouraged and gave up at 0430 (way past my bedtime anyway.) I was using an HW-8 and a long wire with a transmatch, which I admit is not going to be as successful as some other configurations might (though I worked W1FB during the "super-secret" event without much trouble using the same equipment.)

Combined with the posts yesterday about 15m. (my favorite band) I wonder, not for the first time, why we seem to focus so much QRP effort on 40m. It just seems like a poor choice for so many reasons. QRM from phone and SWBC stations, high QRN levels, crowded conditions in a narrow band that put foreign digital signals right on top of 7.040, etc. etc. 20m. suffers from a lot of the same, plus worse crowding.

I would think 30m. should be a better choice for QRP use for lots of reasons, not the least of which is no phone signals. My own experience has shown 18m. to also have tremendous potential and far less QRM. 15, 12, and 10m. are also good, though perhaps less so at night during low sunspots than right now.

Are we clinging to 40m. mostly for historic reasons? Or are there continuing causes that keep QRP events from moving to higher frequencies?

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fufffle/>

Date: Wed, 15 Mar 2000 09:52:09 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Cc: "'Hare, Ed, W1RFI'" <w1rfi@arrl.org>
Subject: [65729] FOX: TT2 Rube Goldberg Pelt
Message-ID: <698DB793D712D31180B600902746422DFB460E@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I just have to share this Fox experience from last night. Hit delete now or forever hold your peace!

I built my TT2 in a Mighty Dog can so I refer to it as the Mighty Dog Transmitter (FYI). I put a SPST switch in line with a 22uH inductor and a small ceramic Trim Cap. This set up gives me the capability of bending the rock a little in two different places on the band. I have two 7.040 crystals that are a little off from each other and I swap them in to get to slightly different places on the band as well. The only way to move the freq is to use a small screw driver and turn the trimmer cap. While I'm touching the cap with the screwdriver, the freq is off somewhere and then I take the screwdriver off and see where I really am :-)

Now, I'm using an MFJ 941C tuner. I have window line coming in from my 132' doublet and two coax feeds, one for the Butternut vertical and one to an attic dipole for 10/15 meters.

Now you have the background. Here's the deal...

The feedline for the doublet got severed by a fallen branch the broke off in my "tower" :-) so the doublet was out of commission. That's the antler I thought I could best work Ed on since I'm on Long Island and he just over the puddle in Ct. I had to use the Butternut (only other antenna for 40 meters I have). Man was it noisy last night. I could hardly hear Ed on the vertical. When I finally did hear him and the hounds he was working, I realized I needed to get the TT2 to a different place in the band than it could go in it's current value configuration. I tried a few times time to call Ed lower than he was listening, but NG. My upper switch setting was too high and lower switch setting was too low. He was in my rock skip zone, arrrgh!

The TT2 has a manual T/R switch and I was using the Icom 728 to receive. I got a brainstorm... I'll see if I can hear Ed better on the attic dipole even though I can't really Tx on it to him. I switched the tuner to Coax 2 Direct and Ed came up out of the noise (or the noise dropped down under Ed, either way, I could hear him now). If I could only get the TT2 to transmit near the other hounds, I may have a shot. I switched to the other 40m crystal and tried to tune the trimmer cap to get into the vicinity of the hounds. Wow! I saw that while the screwdriver was on the trimmer cap, I could hear the sidetone on my Icom. I trimmed the L/C circuit to the hounds freq with the screwdriver and just held it on the cap the rest of the night. Now I could switch the tuner to the attic dipole and hear Ed pretty clearly. I then could switch the tuner to the vertical to call him while holding the screwdriver in place with my left hand. The only glitch was that I had to use my right hand to switch the TT2 to Tx mode, switch the tuner to the vertical to Tx, work the Bug and log the entry - Phew! My left hand just sat there holding the screwdriver on the trim cap :-) Then I swiched the TT2 to Rx mode, switched the tuner to the attic dipole to Rx and hoped for the best.

Finally, Ed came back to me - I was a miracle - well, at least a Rube

Goldberg. I had a blast, but wouldn't recommend it. However, if you want the pelt bad enough, you have to do whatever it takes to get it. This is my prized 2xTT2 Fox QSO and I'm doing the Happy Dance!

Have great week all. As Ron says, "I back in my hole now."

72,

Nick - kf2ph/tt2 . .

--
Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department Building 923

Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2PH
mailto:nickf@bnl.gov <<http://www.rhichome.bnl.gov/People/franco>>

Date: Tue, 14 Mar 2000 02:12:51 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [65730] FS: Ten Tec Argosy II Digital & Options
Message-ID: <38CE0293.B128FBAE@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I'm letting lose some of my radios, as the K-2 seems to be all that I need. Here is the first one.

Ten Tec Argosy II Digital, 9 on scale of 10, never mobile, no mods, no scratches.

Ten Tec Option Model 217 500 Hz CW filter (internal).

Ten Tec Option Model 224 selectable audio filter (internal).

Ten Tec Option Model 223-A Noise Blanker (internal).

Ten Tec Option Model 1125 outboard magnetic circuit breaker, with HB power cord terminated in Cigar lighter plug.

Ten Tec Model 225 Switching AC Power supply, matches rig, 13.5 VDC 9A.

All manuals for above.

A disk and documents for possible mods, from various sources.

In original radio box.

\$ 425 Firm, buyer pays shipping.

If I don't have to pack it all up, \$ 400 at my door.

I can send a digital picture of the rig if need be.

Brian K7RE
Near Phoenix AZ

Date: Wed, 15 Mar 2000 10:03:42 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65731] Re: W1FB/FOX
Message-ID: <001801bf8e8f\$bb0381e0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: K7GT@aol.com <K7GT@aol.com>
Subject: W1FB/FOX

>The only clear signal on the FOXHUNT last night was K0EVZ at 569. Others
>were 229-ish. I may have heard Ed-W1FB at 119, more a mirage or specter
than
>a signal. Not a chance from CA!

Boy, same thing here except that Doc was 10 over! Occasionally I picked Ed
out of the murk, but never was able to copy a complete exchange.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Wed, 15 Mar 2000 08:12:01 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: Gdn1@rocketmail.com
Subject: [65732] Re: HW-7 / RX-320 T/R Switching ??
Message-ID: <38CFA841.A226D669@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use my HW7 with an Icom R70 and on occasion a Racal 6217 outboard receiver. As the HW7 I have already had a rca phono jack installed on the back panel, in addition to an S0239 jack, I opted to use the smaller jack - removed the rca phono, replaced it with a BNC and moved one wire from the t/r relay and put it over to the BNC jack. The relay seems to provide sufficient isolation and the setup has worked well for me. I have also used a diode type t/r switch and prefer the relay method. If one has a pristine cabinet, and one doesn't wish to add the extra connector, an external t/r switch may be the only way to go.
The HW7 works well in the separate transmitter category as does the HW8.

73
Ray

"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
(also w5xe@juno.com El Paso,(FAR WEST) TEXAS

Date: Wed, 15 Mar 2000 09:45:28 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65733] OT: joining fists
Message-ID: <000d01bf8e95\$7cfeae00\$356840ce@outown.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gang,

I am going to join the FISTS club today, send in the app that is. I notice that a lot of you all are members and I am ready to join in on the fun. Made my first two CW contacts last night and have sent off QSL cards to commemorate that occasion, not to mention make my victims feel less bad about my poor fist and copy. Anyway, hopefully being active in FISTS will help me with that part as well.

Question:

Are most CW ops out there QRP or QRO? Does anyone really run CW at kW power levels?

73

KC5ADF

Bill Allen

Date: Wed, 15 Mar 2000 09:47:18 -0600
From: Johnny <km5im@telepath.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65734] Looking for used rotor control box
Message-ID: <38CFB082.31A07BD8@telepath.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I am looking for a place that sells used rotor parts, if there is any please. The rotor that I have is a CD II four wire, looking for a control box for it, so that I can finish putting up my homebrew beam that I have built. Thanks

Johnny KM5IM

Date: Wed, 15 Mar 2000 11:00:23 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <bill@pcatexas.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [65735] RE: joining fists
Message-ID: <000001bf8e97\$92a5ab80\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Bill:

Many CW ops run kW transmitters. I have three such rigs here, a Ten-Tec Omni-V or a Heath SB-401 driving a Heath SB-220, or a homebrew pair of 4-400A tetrodes for 160 meters, or a homebrew pair of 572B triodes for 80 through 15 meters.

I also operate a Ten Tec Argonaut 515 at three watts SSB/CW/RTTY/AMTOR (sometimes with a 405 amplifier at 50 W out), a home brew 20-M transceiver on SSB and CW at 3 W output, a 2N2/40 home brew xcvr on 40 meters, and a homebrew 1930-style 6L6 replica Colpitts oscillator on 80 and 40 meters. It runs about 8 W input.

I hope that answers your question. There are countless station configurations out there, but it's not at all unusual to work QRO stations on CW.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bill Allen
Sent: Wednesday, March 15, 2000 10:45 AM
To: Low Power Amateur Radio Discussion
Subject: OT: joining fists

Hi Gang,

I am going to join the FISTS club today, send in the app that is. I notice that a lot of you all are members and I am ready to join in on the fun. Made my first two CW contacts last night and have sent off QSL cards to commemorate that occasion, not to mention make my victims feel less bad about my poor fist and copy. Anyway, hopefully being active in FISTS will help me with that part as well.

Question:

Are most CW ops out there QRP or QRO? Does anyone really run CW at kW power levels?

73

KC5ADF

Bill Allen

Date: Wed, 15 Mar 2000 11:10:33 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <grp-l@Lehigh.edu>
Subject: [65736] [FOX] W1FB Preliminary log and comments
Message-ID: <125490A005E3D3118C9C00805FC743CC08D41A@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hello, guys and gals,

Thanks for a great time!

Let me start by saying that this was a humbling experience! I had, of course, spent hours dreaming about how well I would do in the pileup and what records I would break. :-). I guess that being a QRPer, I don't get to hear pileups often enough, because I made just under 60 QSOs for two hours work. My apologies to those I missed; I know that a number of folks missed their pelts. I just couldn't pull you out of a crowd.

Conditions were good on my end. QRN was low and though the SSB and digital QRM caused some problems, when the frequency was clear, I heard most stations pretty well. I could tell, though, that the conditions "out there" were not as good; even when I switched to 5 W, I was hearing a number of stations better than they heard me. On more than one occasion, I repeatedly went back to a station, sending his call twice, the exchange, then his call, only to find that he hadn't heard me. (What was suprising is that these stations seemed to always hear me sent "TU" or "QRZ?" because they were in there 559 or better every time.) I guess the QRN and SSB really played havoc. I finally switched over to a "one try" mode, just to get the QSO rate back up.

I think I got spotted on on the cluster at some point, because just after I switched to 5 W, what had been a very mannerly pileup with familiar calls

suddenly changed in character. A number of unfamiliar calls were in the "constant call" mode. At this point, I was full QSK and was surprised at the number who QRM'ed their own QSOs. I really don't think that some of them could hear me at all, but were just tossing their calls at me, perhaps thinking I was rare DX. :-)

But, as I have learned to expect from this community, our QRP bretheren and sistern were as well behaved as conditions would allow. In many cases, those who didn't come back to my replies were being courteous, not calling unless they were pretty sure THEY were the hound. Seeing such operating courtesy was a very enjoyable part of this for me.

Here is my preliminary log. I have one "busted" call, NJ9A; the QRP-L number I think I copied does not match and his license expired 3 months ago. (Coulda' been my penmanship!) Other than that, I think I got most of it right. Please send any corrections to w1rfi@arrl.org.

W1FB Fox Log 3/15/00 UTC

Nr	Time	Station	Sent	Rec'd	SPC	Name	QRP-L	number
----	------	---------	------	-------	-----	------	-------	--------

Notes

1	0300	K1JD	579	589	RI	John	1945	
2	0302	W8RU	579	559	MI	Ron	188	
3	0304	K1QM	599	579	MA	Joel	337	
4	0306	K1VP	579	559	NH	Ed	1960	
5	0308	WD8KQY	579	559	OH	Gary	446	
6	0310	W1CER	579	559	CT	Dave	2156	
7	0312	N1TP	559	339	FL	Tom	1317	
8	0314	N10DL	559	599	NH	Aron	1326	
9	0315	W2APF	599	599	NA	Thaine	2062	
10	0315	AJ4Y	559	559	FL	Paul	1795	
11	0316	N3YSI	559	559	PA	Paul	1835	
12	0317	VE1MT	599	599	NS	Layton	1448	
13	0318	KC1FB	559	559	CT	Jim	29	
14	0320	KB1ENS	599	599	VT	John	2150	
15	0322	NJ9A	559	539	Joe	??	226 (NG)	Call expired - busted call?
16	0324	K2QO	559	559	NY	Mark	314	
17	0325	W2XN	559	539	FL	Fred	1728	
18	0327	N9AW	559	559	WI	Jerry	1271	
19	0330	N2ZHY	559	359	NJ	David	2067	
20	0332	NK9G	559	559	WI	Rick	2061	
21	0324	N4ROA	559	339	VA	Dan	970	
22	0328	N5TW	559	559	TX	Tom	1474	
23	0332	K2JQ	559	339	NY	Dick	1811	
24	0339	K3NY	559	559	MD	Nick	1927	
25	0342	K8DD	559	549	MI	Hank	246	
26	0348	K8CV	559	559	MI	Walt	935	
27	0350	N0EA	559	559	MO	Wayne	1058	

28	0352 K0EVZ	559	549	ND	Doc	861
29	0353 AF4PS	559	559	FL	Mac	704
30	0354 KF2PH	559	559	NY	Nick	13
31	0356 W2XS	559	559	NY	John	100W
32	0359 K0PC	559	339	MN	Pat	1964
33	0402 K0EVZ	559	589	ND	Doc	861
34	0417 W2ZK	579	579	NJ	Ted	2158
35	0418 W0CH	559	559	MO	Dave	618
36	0422 KT0II	599	459	CO	Ron	928
37	0423 WS4S	559	559	TN	Conard	993
38	0425 W1XT	559	579	AZ	Bob	262
39	0427 N0DT	559	559	MO	Dan	1004
40	0429 W2XN	559	559	FL	Fred	1728
41	0430 K4LL	559	559	KY	Len	5W
42	0432 W4BWS	559	559	FL	Don	1557
43	0434 NV4V	559	559	KY	Pete	1721
44	0436 NC90	579	559	IL	Skip	913
45	0438 N5GJQ	559	569	LA	Mike	5W
46	0441 W0DC	559	599	MN	John	1945
47	0444 W9VES	579	569	NJ	Dave	1W
48	0447 N0RC	559	339	CO	Rod	1764
49	0448 N5UW	559	339	OK	Clif	478
50	0449 N0AR	579	559	MN	Scott	1455
51	0450 VE5RC	559	119	SK	Bruce	886
52	0453 W0JOE	559	559	MO	Joe	1901
53	0455 N8NRG	559	559	MI	Bill	5W
54	0456 N3EFN	559	599	PA	Bernie	10W
55	0458 K5FNW	559	559	TX	Dave	5W

I worked a few QSOs after 0500, but 0500 was the end of the 2-hour window, so those QSOs are not actually FOX Qs.

73, Ed Hare, W1RFI

Date: Wed, 15 Mar 2000 08:11:54 -0800 (PST)
 From: Stan Yarema <bg783@scn.org>
 To: qrp-1@lehigh.edu
 Subject: [65737] R.E. QRP+ & PSK31
 Message-ID: <Pine.SUN.3.96.1000315080948.21365F-100000@scn>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks folks for all the input and tips on using the QRP+ on PSK31.
 Nothing left to do now but get on the air

72..... Stan, K7SY

Date: Wed, 15 Mar 2000 10:19:57 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65738] Re: joining fists
Message-ID: <000b01bf8e9a\$4e2ddec0\$356840ce@outown.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi!

: -)

Fascinating, I really did wonder if CW was a QRP only thing or not since I mostly hear about QRP in a CW context. Thanks for the info!

: -))

73
KC5ADF
Bill Allen

----- Original Message -----

From: AI2Q Alex <ai2q@ispchannel.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 15, 2000 10:00 AM
Subject: RE: joining fists

> Hi Bill:

>

> Many CW ops run kW transmitters. I have three such rigs here, a Ten-Tec
> Omni-V or a Heath SB-401 driving a Heath SB-220, or a homebrew pair of
> 4-400A tetrodes for 160 meters, or a homebrew pair of 572B triodes for 80
> through 15 meters.

>

> I also operate a Ten Tec Argonaut 515 at three watts SSB/CW/RTTY/AMTOR
> (sometimes with a 405 amplifier at 50 W out), a home brew 20-M transceiver
> on SSB and CW at 3 W output, a 2N2/40 home brew xcvr on 40 meters, and a
> homebrew 1930-style 6L6 replica Colpitts oscillator on 80 and 40 meters.

It

> runs about 8 W input.

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> configurations out there, but it's not at all unusual to work QRO stations
> on CW.

>

> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

>

>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Bill Allen

> Sent: Wednesday, March 15, 2000 10:45 AM

> To: Low Power Amateur Radio Discussion

> Subject: OT: joining fists

>

>

> Hi Gang,

>

> I am going to join the FISTS club today, send in the app that is. I
notice

> that a lot of you all are members and I am ready to join in on the fun.

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> commemorate that occasion, not to mention make my victims feel less bad

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> Question:

> Are most CW ops out there QRP or QRO? Does anyone really run CW at kW
power

> levels?

>

> 73

> KC5ADF

> Bill Allen

>

>

>

Date: Wed, 15 Mar 2000 10:27:26 -0600

From: Kyle Lusk <klusk@bhm vending.com>

To: "'qrp-l'" <qrp-l@Lehigh.Edu>

Subject: [65739] KEY CLICKS

Message-ID: <01BF8E69.12283B40.klusk@bhm vending.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

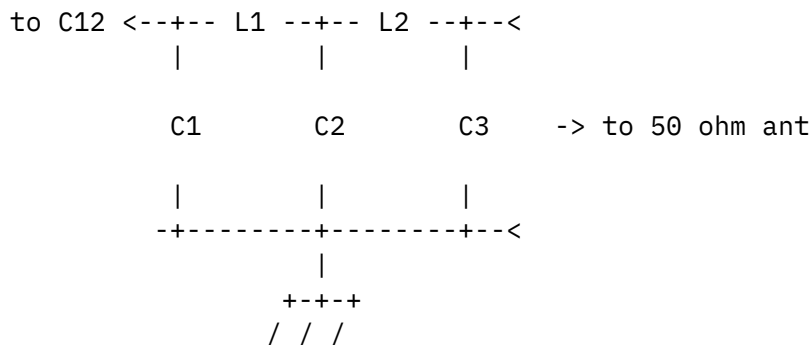
The ten tec 1340 has been great, when I used a battery as power supply,
but when I hooked up a 13.8 vdc 17 amp power supply . I now had key clicks. Is the
power supply the problem or did something else happen ?

TNX KG4BQQ

Date: Wed, 15 Mar 2000 09:29:37 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65740] TT30 output PI filter
Message-ID: <02ab01bf8e9b\$c8a38d20\$a5101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

I've calculated values for the 2 stage PI network to couple the
output transistor to the antenna.



L1 = L2 = 0.9 microH (0.9)

15 turns #28 wire on a T37-6 [red] core

C1 = C3 = 330pF (263-300pf)

C2 = 560pF (514-560pf)

Values in () are calculated values from "HamCalc" by VE3ERP (thanks
for the advice George) and SVC. SVC is companion SW to the 1998 ARRL
Handbook. It does the analysis/comparison of various filters
discussed in Chapter 16. All other values are "standard parts".

To do the calculations I assumed a 50 ohm Ant, Co=10pf of the PA, and PA internal R of ~250 ohms stepped down to ~60 ohms by T1 in the NJ-QRP club's TT2 schematic.

I arrived at these values after reading about matching transistor PAs in:

"1998 ARRL Handbook", ARRL
ch 13, RF Power Amplifiers; ch16 Filters

"Data Book for Homebrewers and QRPers", Paul Harden
Section 1, QRP Rig circuit Analysis, Part IV
The TX Mixer, Transmitter and T-R switching.

"The Electronics of Radio", David Rutledge.

I be putting more detailed info on my website in the next week or two. <http://www.qsl.net/n0rc>

Now it's time to build! I collected all the parts. I hope to have this built up in a week or two.

My one big concern: Out of band emissions, I don't have access to a Spectrum Analyzer. I'm really hoping anther interested QRP-Ler with the proper test gear can help out somehow.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Wed, 15 Mar 2000 10:37:21 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [65741] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.1000315102803.6568A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...please notify me of any corrections...tnx.....

..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

Fox Hunt 34 - NQ9RP -

20th. MAINE BENGAL BEARS:Total=12 BLUE J's:Total=14

Jim - N5IB
Butch - N5SMQ
Bill - NT1R <-
Joel - KE1LA

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

EMPIRE HOUNDS:Total=20

Dick - K2JQ
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH <-

HOUSTON HOUNDS:Total=96

Bill - K5ZTY
Bill - W5SB
Terry - KQ5U <-
Dan - KK5LD <-

MANGY MUSHERS:Total=78"Sweep"

Pete - NV4V <-
Paul - VA7NT <-
Bruce - N7RR <-
Ed - K1VP <-

NIGHT OWLS:Total=52

Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=66

Cliff - N5UW <-
Royce - KE5TC
Don - K5AAR <-
Gody - AC6UV

RAIDERS OF THE LOST RF:Total=59

Fred - VE3FAL
Earl - VE6EWM <-
Mary - NA6E
Bruce - VE5RC <-

SCATTER SHOT GUNNERS:Total=80

Mike - K1MG <-
Jack - W5TFB
Stan - N6XU <-
Pat - K0PC <-

SFBA FOGHORNS:Total=24

SWAMP RATS:Total=100"Sweep"

Bob - N6WG <-
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWORDS:Total=54

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE <-

TEAM ScQRPion:Total=90

Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S <-
Bob - NK7M <-

TEXAS TARANTULAS:Total=86

Bill - K5LN
Dave - N5IW <-
Bob - AF5Z <-
Tom - N5TW <-

WESTERN WRANGLERS:Total=47

Randy - K7TQ
Chuck - K7Q0
Steve - WW7Y <-
Ron - KU7Y <-

Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y <-

TEAM CRAMP.COM:Total=45

OJ - K10J <-
George - K5VUU
Mike - K5NZ
Eric - NM5M

TESLA'S TERRORS:Total=121"Sweep"

Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

UNDERDOGS:Total=99

Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN
Ron - KI0II <-

NORTEX Irregulars:Total=15

Doc - W5TB <-
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 15 Mar 2000 11:35:30 -0500
From: john@neknetwork.com
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65742] Re: [FOX] W1FB Preliminary log and comments
Message-ID: <38CFBBD2.E9C5C415@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wooooo hooooo!!! Thank you Ed!

I'm drying and tanning my pelt as I type this! First pelt ever (third fox hunt), and it's a W1FB prize pelt *and* I'm the only VT station in the log. What a blast that was!

Sounds like you had better listening conditions down there, it was an SSB and digital quagmire at my QTH. The fox sort of faded in and out of sight, I fired two or three volleys the first hour, but at just the right moment, it was a clear shot and I opened fire again... Voila!

Thanks again, Ed - you did a fantastic job. I only hope that one day I can come up to the skill level of the foxes that I've heard since I started this. You guys are top notch!

Until Thursday!

John, KB1ENS

"Hare, Ed, W1RFI" wrote:

>
> Hello, guys and gals,
>
> Thanks for a great time!
>
> Let me start by saying that this was a humbling experience! I had, of
> course, spent hours dreaming about how well I would do in the pileup and
> what records I would break. :-). I guess that being a QRPer, I don't get to
> hear pileups often enough, because I made just under 60 QSOs for two hours
> work. My apologies to those I missed; I know that a number of folks missed
> their pelts. I just couldn't pull you out of a crowd.
>
> Conditions were good on my end. QRN was low and though the SSB and digital
> QRM caused some problems, when the frequency was clear, I heard most
> stations pretty well. I could tell, though, that the conditions "out there"
> were not as good; even when I switched to 5 W, I was hearing a number of
> stations better than they heard me. On more than one occasion, I repeatedly
> went back to a station, sending his call twice, the exchange, then his call,
> only to find that he hadn't heard me. (What was suprising is that these
> stations seemed to always hear me sent "TU" or "QRZ?" because they were in
> there 559 or better every time.) I guess the QRN and SSB really played
> havoc. I finally switched over to a "one try" mode, just to get the QSO rate
> back up.
>
> I think I got spotted on on the cluster at some point, because just after I

> switched to 5 W, what had been a very mannerly pileup with familiar calls
 > suddenly changed in character. A number of unfamiliar calls were in the
 > "constant call" mode. At this point, I was full QSK and was surprised at the
 > number who QRM'ed their own QSOs. I really don't think that some of them
 > could hear me at all, but were just tossing their calls at me, perhaps
 > thinking I was rare DX. :-)

>

> But, as I have learned to expect from this community, our QRP bretheren and
 > sistern were as well behaved as conditions would allow. In many cases,
 > those who didn't come back to my replies were being courteous, not calling
 > unless they were pretty sure THEY were the hound. Seeing such operating
 > courtesy was a very enjoyable part of this for me.

>

> Here is my preliminary log. I have one "busted" call, NJ9A; the QRP-L
 > number I think I copied does not match and his license expired 3 months ago.
 > (Coulda' been my penmanship!) Other than that, I think I got most of it
 > right. Please send any corrections to w1rfi@arrl.org.

>

> W1FB Fox Log 3/15/00 UTC

Nr	Time	Station	Sent	Rec'd	SPC	Name	QRP-L number	
> Notes								
> 1	0300	K1JD	579	589	RI	John	1945	
> 2	0302	W8RU	579	559	MI	Ron	188	
> 3	0304	K1QM	599	579	MA	Joel	337	
> 4	0306	K1VP	579	559	NH	Ed	1960	
> 5	0308	WD8KQY	579	559	OH	Gary	446	
> 6	0310	W1CER	579	559	CT	Dave	2156	
> 7	0312	N1TP	559	339	FL	Tom	1317	
> 8	0314	N1ODL	559	599	NH	Aron	1326	
> 9	0315	W2APF	599	599	NA	Thaine	2062	
> 10	0315	AJ4Y	559	559	FL	Paul	1795	
> 11	0316	N3YSI	559	559	PA	Paul	1835	
> 12	0317	VE1MT	599	599	NS	Layton	1448	
> 13	0318	KC1FB	559	559	CT	Jim	29	
> 14	0320	KB1ENS	599	599	VT	John	2150	
> 15	0322	NJ9A	559	539	Joe	??	226 (NG)	Call
> expired - busted call?								
> 16	0324	K2Q0	559	559	NY	Mark	314	
> 17	0325	W2XN	559	539	FL	Fred	1728	
> 18	0327	N9AW	559	559	WI	Jerry	1271	
> 19	0330	N2ZHY	559	359	NJ	David	2067	
> 20	0332	NK9G	559	559	WI	Rick	2061	
> 21	0324	N4ROA	559	339	VA	Dan	970	
> 22	0328	N5TW	559	559	TX	Tom	1474	
> 23	0332	K2JQ	559	339	NY	Dick	1811	
> 24	0339	K3NY	559	559	MD	Nick	1927	
> 25	0342	K8DD	559	549	MI	Hank	246	
> 26	0348	K8CV	559	559	MI	Walt	935	

> 27	0350	N0EA	559	559	MO	Wayne	1058
> 28	0352	K0EVZ	559	549	ND	Doc	861
> 29	0353	AF4PS	559	559	FL	Mac	704
> 30	0354	KF2PH	559	559	NY	Nick	13
> 31	0356	W2XS	559	559	NY	John	100W
> 32	0359	K0PC	559	339	MN	Pat	1964
> 33	0402	K0EVZ	559	589	ND	Doc	861
> 34	0417	W2ZK	579	579	NJ	Ted	2158
> 35	0418	W0CH	559	559	MO	Dave	618
> 36	0422	KT0II	599	459	CO	Ron	928
> 37	0423	WS4S	559	559	TN	Conard	993
> 38	0425	W1XT	559	579	AZ	Bob	262
> 39	0427	N0DT	559	559	MO	Dan	1004
> 40	0429	W2XN	559	559	FL	Fred	1728
> 41	0430	K4LL	559	559	KY	Len	5W
> 42	0432	W4BWS	559	559	FL	Don	1557
> 43	0434	NV4V	559	559	KY	Pete	1721
> 44	0436	NC9O	579	559	IL	Skip	913
> 45	0438	N5GJQ	559	569	LA	Mike	5W
> 46	0441	W0DC	559	599	MN	John	1945
> 47	0444	W9VES	579	569	NJ	Dave	1W
> 48	0447	N0RC	559	339	CO	Rod	1764
> 49	0448	N5UW	559	339	OK	Clif	478
> 50	0449	N0AR	579	559	MN	Scott	1455
> 51	0450	VE5RC	559	119	SK	Bruce	886
> 52	0453	W0JOE	559	559	MO	Joe	1901
> 53	0455	N8NRG	559	559	MI	Bill	5W
> 54	0456	N3EFN	559	599	PA	Bernie	10W
> 55	0458	K5FNW	559	559	TX	Dave	5W
>							
> I worked a few QSOs after 0500, but 0500 was the end of the 2-hour window,							
> so those QSOs are not actually FOX Qs.							
>							
> 73, Ed Hare, W1RFI							

--

John Wagner - john@neknetwork.com
 Web page: <http://www.neknetwork.com>
 Affordable web site hosting under your domain name!
 C/C++, Perl, CGI, RDBMS, Web site creation and
 Network Administration

Date: Wed, 15 Mar 2000 09:40:17 -0700
 From: "Rod, N0RC" <n0rc@qsl.net>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Cc: <w1rfi@arrl.net>

Subject: [65743] FOX: W1FB
Message-ID: <02bd01bf8e9d\$287aa840\$a5101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well I took off early from work, just to nab _this_ furry little critter! Mission accomplished 0445! 339/559. K2 #286 does it again.

Copy was a bit tough here. QRM, mainly stations still calling on top of Ed; QRN, mainly static crashes; and QSB, Ed was going from 119-449, lucky that the 119 dips were brief.

SRI 'bout those first few calls on the "Fox Freq" forgot to switch on the Split. DUH!

TNX for the pelt Ed. One of my "special" FOX QSL's is on the way.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Wed, 15 Mar 2000 11:39:28 -0500
From: john@neknetwork.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65744] Re: [FOX] W1FB Preliminary log and comments
Message-ID: <38CFBCC0.D6E8027E@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cripes, did I say first hour? It was 20 minutes! Felt like HOURS!!!

john@neknetwork.com wrote:

>
> SSB and digital quagmire at my QTH. The fox sort of faded in and out of
> sight, I fired two or three volleys the first hour, but at just the
> right moment, it was a clear shot and I opened fire again... Voila!

--
John Wagner - john@neknetwork.com
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Network Administration

Date: Wed, 15 Mar 2000 17:10:27 GMT
From: k1vp@lawson-philpot.com
To: w1rfi@arrl.org
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65745] Re: [FOX] W1FB Preliminary log and comments
Message-ID: <20000315.17102757@office4.office.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Ed:

Thanks for the great hunt. The noise and QRM were major issues at=20
times, but your signal strength here was much better than I expected=20=
early on. Being a newcomer to QRP, this pelt means a lot even though=20=
it has been my honor to work you and the TT2 on other occasions. I=20
must say this list and the various QRP events have been very=20
invigorating to me in terms of increasing the fun, interest, and=20
knowledge of the hobby. To say nothing of helping my CW operating=20
skills. Just wanted to add a little to say thanks to all.

Ed Lawson
K1VP

Date: Wed, 15 Mar 2000 11:52:49 EST
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@Lehigh.EDU
Cc: jlarsen@palmtop.com, art@hawaii.rr.com, kh6u@gte.net, hamop@pixi.com,
mike@gold.chem.hawaii.edu, Greg@aol.com, kh6b@juno.com
Subject: [65746] Re: 20 Meter test.
Message-ID: <20000315.065338.5391.1.kh6b@juno.com>

Hi gang,

A note from Jim AL7FS/KH6: he has left Kona on our island

and has headed for Honolulu. He'll be there for 10 days before heading home. He has his 20 meter station with him. I'm sure he would appreciate a shout if you should hear him on 14060, or thereabouts.

Jim, look at the "Cc:" list to look up possible QRPers on Oahu: Art WH7N, Daniel Ke6TKQ/KH6, Mike AH7R, Greg WB6FZH/KH6, Doug KH6U.

Aloha,
Dean KH6B HIQRPC #001
Hilo Hawaii

On Tue, 14 Mar 2000 23:04:51 -0800 Ed Loranger <we6w@qsl.net> writes:

>Gang, thanks to all who tried to call me on 20 meters. The
>results were positive. I wasn't sure if I could live
>with the rig being high on zerobeat and the test
>proved it is not a pleasant experience to keep turning
>on the RIT!

>

>So I've added a 75 pF capacitor in parallel with the
>C14 zerobeat capacitor. All has been checked out
>on the spectrum analyzer with the siggen antenna/
>spectrumanalyzer antenna in place, and the DSW-20
>to a dummy load. With both sigs zeroed on the
>analyzer, the C14 has range for a perfect tonal match
>of the incoming signal and the sidetone.

>

>I am going to run one more final test tomorrow with
>the rig in a known good state.

>

>Tonight, thanks to the following who made it in before
>the band fell:

>NW7DX, Ben in WA.

>W0AV, George in MO

>K1QM, Joel in MA

>NJ7I, Scott in OR (we reminisced on his old NF3I callsign)

>K7GT, Allan in CA, which is usually a skip zone on 20 meters but

> 229 sig reports are still QSO's.

>

>Output here was 2 watts, DSW-20, norcal paddles from 20 to 35

>WPM (QRQ with Ben :) And the folded dipole terminating the

>twisted teflon feedline. Dipole was for 40 meters but matched nicely
>on 20 meters.

>

>Tomorrow, same time, same band. Thanks gang! -Ed

>

>--

>72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
><http://www.qsl.net/we6w> Santa Rosa, CA
>Addicted to peanut butter and honey sandwiches!
>
>

Date: Wed, 15 Mar 2000 11:00:55 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65747] Re: KEY CLICKS
Message-ID: <003401bf8ea0\$0ccdf900\$46773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Kyle,

How are you aware that you now have key clicks? Are you hearing them on another local receiver or have other stations reported them?

You may very well have key clicks but be sure that what ever receiver is detecting them has the noise blanker off. The noise blanker in most receivers uses received signals that are before any narrowband filtering and can activate on CW switching transients many 10's of kHz from the receiver's set frequency. This manifests itself as a perceived key click.

If you indeed have key clicks that are present only when the power supply is used it is possible that RF is getting into the regulation circuitry and causing some kind of problems that are being passed on to the transmitter. Bypass capacitors (0.01 - 0.1pF) from each supply lead to chassis ground or just across the two leads at the power supply may help. Maybe just winding up several turns of the DC power cable up near the power supply will cure it. Usually though it is RF getting into the rig itself that causes clicks or chirps.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Wed, 15 Mar 2000 12:17:32 EST

From: Wb8siw@aol.com
To: bill@pcatexas.com, qrp-1@lehigh.edu
Subject: [65748] Re: OT: joining fists
Message-ID: <a5.33e6850.26011fac@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Bill:

In answer to your question "Are most CW ops out there QRP or QRO? Does anyone really run CW at kW power levels?".....

I suspect that most CW ops run a typical HF transceiver "barefoot" at the 100 to 200 watt power range. I run across very few that run a KW on CW except, perhaps, for a few serious contesters.

CW is popular amongst the QRP community because it offers superior efficiency over SSB (narrow bandwidth). You'll find it's much easier to work DX with low power CW than SSB. It's also a popular mode for traffic handling for the same reasons. A CW traffic net can handle approximately three times as much traffic as a phone net in a given time period.

I've been a ham for over 25 years and have never operated more than 300 watts on the Amateur Bands. I'm not against amplifiers, but I think they do far more harm than good.

73, Jim WB8SIW,

Date: Wed, 15 Mar 2000 10:04:17 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "CoARES" <coares-d10@qth.net>, "ncarc reflector" <ncarc@qth.net>
Subject: [65749] Neat Carrying cases at LL Bean
Message-ID: <000001bf8ea2\$4edfd000\$a6101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just saw this in a new LL Bean, Spring 2000 "Outdoors", Catalog. Cat #
LL1882470, page 50

Lexan Utility Box

"...Waterproof see-through boxes made of unbreakable Lexan plastic.
Gasketed lid with two east-to-open latches. Web attachment loops...."

KE28651 Utility Boxes

SMALL: 3.25"H x 4.25"W x 6.5"L \$16

SMALL: 4"H x 6"W x 7.5"L \$20

SMALL: 4.25"H x 8"W x 9"L \$25

72/3 Rod, NØRC -- Fort Collins, CO

Date: Wed, 15 Mar 2000 12:16:47 -0500

From: "AI2Q Alex" <ai2q@ispchannel.com>

To: "'Deitz, Harold L.'" <hdeitz@ms.rose.cc.ok.us>

Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>

Subject: [65750] RE: joining fists

Message-ID: <000101bf8ea2\$3f4e3780\$5c32a7d0@ispchannel.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I full well understand!

One day one of these State-side offenders actually gave his telephone number during a transmission. Was he surprised to receive an anonymous phone call. Ahem!

BTW, what's even worse is the Spanish speaking QSOs taking place zero beat with WWV at 10 MHz!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: Deitz, Harold L. [mailto:hdeitz@ms.rose.cc.ok.us]

Sent: Wednesday, March 15, 2000 11:32 AM

To: 'ai2q@ispchannel.com'

Subject: RE: joining fists

Alex,

I broke down last night and turned on the 30L1 while working a guy on the east coast on 28.045 Mhz. The QRM from the bootleg CB'ers was so bad I lost him. Going from 100 milliwatts to 600 watts is almost sacriligious. I had to get down on my knees and ask forgiveness.

Hal

-----Original Message-----

From: AI2Q Alex [mailto:ai2q@ispchannel.com]

Sent: Wednesday, March 15, 2000 10:00 AM

To: Low Power Amateur Radio Discussion

Subject: RE: joining fists

Hi Bill:

Many CW ops run kW transmitters. I have three such rigs here, a Ten-Tec Omni-V or a Heath SB-401 driving a Heath SB-220, or a homebrew pair of 4-400A tetrodes for 160 meters, or a homebrew pair of 572B triodes for 80 through 15 meters.

I also operate a Ten Tec Argonaut 515 at three watts SSB/CW/RTTY/AMTOR (sometimes with a 405 amplifier at 50 W out), a home brew 20-M transceiver on SSB and CW at 3 W output, a 2N2/40 home brew xcvr on 40 meters, and a homebrew 1930-style 6L6 replica Colpitts oscillator on 80 and 40 meters. It runs about 8 W input.

I hope that answers your question. There are countless station configurations out there, but it's not at all unusual to work QRO stations on CW.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bill Allen

Sent: Wednesday, March 15, 2000 10:45 AM

To: Low Power Amateur Radio Discussion

Subject: OT: joining fists

Hi Gang,

I am going to join the FISTS club today, send in the app that is. I notice that a lot of you all are members and I am ready to join in on the fun.

Made my first two CW contacts last night and have sent off QSL cards to commemorate that occasion, not to mention make my victims feel less bad about my poor fist and copy. Anyway, hopefully being active in FISTS will help me with that part as well.

Question:

Are most CW ops out there QRP or QRO? Does anyone really run CW at kW power levels?

73

KC5ADF

Bill Allen

Date: Wed, 15 Mar 2000 09:36:58 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [65751] Re: XCVR: sell Sierra/KC2 or trade for Sierra/KC1
Message-ID: <38CFCA3A.67E5@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Sierra has a new home (W2BJ) but I will be Sierra-less for a while as a result. I think it is time to upgrade my feedline coax and buy that rotator for the 10m yagi now... then build up a Sierra with that KC1 next fall.

73

K7GT

--
Allan Taylor K7GT agtaylor@llnl.gov
DXCC/40CW DXCC 2000 Millenium award
SOC #6 QRP ARCI #10146 HI/QRP #93

Date: Wed, 15 Mar 2000 09:40:51 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Gary Lee Phillips <ka9nzi@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65752] Re: FOX: W1FB and 40 meters
Message-ID: <Pine.GS0.4.10.10003150928410.20773-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gary,

Good question.

40m is, IMHO, the best band if you only have one. Winter, Summer, Sunspots, No Sunspots, Day and Night you can always find activity.

30m and up fall prey to condx. 10m and 15m are seldom good for anything other than cross town QSO's at night.

20m can be open 24 hours at times in the winter. But it's not always open and it's hard to predict just what it will do in the long term.

30m can be open around the clock but it too changes a lot from summer to winter and throughout the sunspot cycles.

80m and 160m are fun bands but the antennas are BIG.

40m fills in more of the gaps than all the other bands. Antennas are small enough to let most people use a fairly good one. Condx are usually OK for things like Fox Hunts. And contesting is OK on 40m.

Several operating events have been done (from here on QRP-L) on other bands.

I like the idea of keeping the "original" Fox Hunt on 40m. It gives people something to shoot for.

I see the hunts as a bit more than just fun. I see them as super learning classes. You learn how to use your equipment. How to dig a weak sig out of all the noise and QRM. How to time your "shot" to bag the fox. How to see which antenna works best. Gives you some incentive to try different antennas.

And the list could go on and on!

Different antennas?? Do they really matter?? Anyone want to guess at how the Hunt for W1FB sounded here last night?? Little screwdriver vertical on the back of the RV compared to the 2 ele at 85'... :-)

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 15 Mar 2000 09:42:14 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65753] Re: T/R switch
Message-ID: <20000315174214.3334.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

RF switches are an old subject indeed! At HF there are lots of options!

- (1) relays
- (2) PIN diodes. see 38S for use of a conventional diode to work like a PIN
- (3) FET switches. these can be discrete, and i suspect some MMIC devices could be used
- (4) electrostatic. a lot of R&D is being done here, and i remember seeing a supplier who was offering these commercially but I don't remember the source. these are essentially very small relays.

curt WB8YYY

--- "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
wrote:
> Is there such a thing as an outboard surface mount
> device pin diode switch
> for qrp transmitters? It would seem that this might
> be a nice option to
> offer with the qrp rigs that are being kitted. Hint
> Hint.
>
> Hal
>

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Date: Wed, 15 Mar 2000 12:01:04 -0600
From: "George T. Baker" <w5yr@att.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65754] Re: FOX: W1FB and 40 meters
Message-ID: <38CFCFE0.FF83FE67@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ron really tells it like it is - at least as I have found things over the years.

I just want to add one comment about antennas, especially on 40 meters.

Try your best to put up at least two antennas on 40 -- one vertical and one horizontal. Over the years, I have found that no single polarization consistently works better than the other. In fact, the usual situation is that a signal - local or dx, doesn't matter it seems - is coming in gangbusters on the horizontal and starts into a dip. You switch over to the vertical and back he comes! This see-sawing seems to go on indefinitely. I think that I have probably worn out at least three antenna switches swapping coax lines over the years! ;^)

Right now I use an 88 ft EDZ cut for 20 meters which loads very well on 80 and 40; a 1/4-wave ground-mounted vertical over 60 radials; and a low (20 ft) full-wave horizontal loop for 40. Not to mention the full-size 80, 40, 30 and 20 meter dipoles in the attic fed on a common coax! A Butternut HF9V vertical will soon replace the vertical to spice things up above 20 meters.

The low loop is an extraordinary performer, even though mine is in the shape of an elongated triangle, rather than the preferred square or rectangle. It outperforms the vertical many times, even on dx contacts. Plus, it has very good performance on most higher bands. I feed it with ladderline and a tuner.

That antenna switch sure gets a workout, especially during a Fox Hunt! It is not uncommon for there to be several S-units difference among the various antennas, depending upon station location, conditions, etc.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Monte Stark wrote:

>> Different antennas?? Do they really matter?? Anyone want to guess
> at how the Hunt for W1FB sounded here last night?? Little screwdriver
> vertical on the back of the RV compaired to the 2 ele at 85'... :-)

Date: Wed, 15 Mar 2000 19:01:56 +0100
From: "Hubert Smits" <hubert.smits@wxs.nl>
To: "qrp-l" <qrp-l@lehigh.edu>
Cc: "gqrp" <gqrp@onelist.com>
Subject: [65755] RE: [GQRP] OT: Time Zones and test message!
Message-ID: <NDBBIDPLKMEGGIBAJOJGEOJCCAA.hubert.smits@wxs.nl>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mel,

If you're running Windows 95 or higher you can also look in the date/time control panel. Gives you cities and +/- times from all over the world.

73 de Hubert, PE9HSM
pe9hsm@amsat.org

"Frustra fit per plura quod potest fieri per pauciora
- It is vain to do with more what can be done with less"

-----Original Message-----

From: Fraser Robertson [mailto:f.g.robertson@open.ac.uk]
Sent: dinsdag 14 maart 2000 10:12
To: Mel Evans; qrp-l
Cc: gqrp
Subject: RE: [GQRP] OT: Time Zones and test message!

From: Fraser Robertson <f.g.robertson@open.ac.uk>

Have a look at the following:

<http://www.timezoneconverter.com/cgi-bin/tzc.tzc>

73 Fraser G4BJM

> -----Original Message-----

> From: Mel Evans [mailto:mel@euramcom.freemove.co.uk]

> Sent: 13 March 2000 20:14

> To: qrp-l

> Cc: gqrp

> Subject: [GQRP] OT: Time Zones and test message!

>

>

> From: "Mel Evans" <mel@euramcom.freemove.co.uk>

>

> HI both Gangues,

>

> I'm preparing a "Time Zones" page for the euramcom website. Could

> some kind soul in USA let me have a listing of the time zones

> (est, pst and so on) plus their +/- figures from GMT. A note of

> major cities in each time zone would be useful to us brits also.

>

> Anyone with this info for Europe welcome to send me details also.

>

> REMEMBER you can add your own Ham related links to the site instantly.

> Regards

>

> Mel

> GM6JAG

>

<http://www.euramcom.freemove.co.uk>

for details of Ham Radio US/Euro equivalents.

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=== Via the mailing list of the GQRP Club <http://www.gqrp.org.uk> ===

Date: Wed, 15 Mar 2000 10:04:07 -0800

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [65756] DSW-20 INFORMATION-- Help Please.

Message-ID: <38CFD097.B04@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm in need of help, gang. Nothing new, says the wife

Anyway, I'm very curious about something on the DSW-20 and I'm not sure if it is normal or if there is a need to find a fix or if there is a real problem.

The following is seen on the spectrum analyzer and may not show up on an external receiver since reception may be ok on the wrong sideband.

With the DSW-20 to dummy load, RIT OFF. You connect power and then check the output by keying the rig. Frequency is approximately 1 KHz low. The TX frequency stays there as long as you never touch the RIT. Then, if you move RIT up, or move it up and back down on the switch, the TX frequency now is dead on the RX frequency as designed. At all times the RX freq. stays put so it doesn't move. The external siggen is simultaneously displayed on the analyzer and when the RIT is initialized, matches the TX freq.

In other words, at powerup the RIG does not have the TX/RX zeroed until you move the RIT switch once to do some type of initialization.

I checked the wiring and all is fine. I didn't check this on the 40 Meter rig but I will.

Anyone ever test for this turn-on condition?

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Loan officer job? No. No one gets credit for my work.

Date: Wed, 15 Mar 2000 13:31:37 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'john@neknetwork.com'" <john@neknetwork.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [65757] RE: [FOX] W1FB Preliminary log and comments
Message-ID: <125490A005E3D3118C9C00805FC743CC08D429@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> I'm drying and tanning my pelt as I type this! First pelt
> ever (third fox hunt), and it's a W1FB prize pelt *and*
> I'm the only VT station in the log. What a blast that was!

My pleasure, John. Don't be surprised if you don't get a few requests for
VT skeds for 2XQRP WAS. :-)

73,
Ed Hare, W1RFI

-----Original Message-----
From: john@neknetwork.com [mailto:john@neknetwork.com]
Sent: Wednesday, March 15, 2000 11:36 AM
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion
Subject: Re: [FOX] W1FB Preliminary log and comments

Wooooo hooooo!!! Thank you Ed!

I'm drying and tanning my pelt as I type this! First pelt ever (third
fox hunt), and it's a W1FB prize pelt *and* I'm the only VT station in
the log. What a blast that was!

Sounds like you had better listening conditions down there, it was an
SSB and digital quagmire at my QTH. The fox sort of faded in and out of
sight, I fired two or three volleys the first hour, but at just the
right moment, it was a clear shot and I opened fire again... Voila!

Thanks again, Ed - you did a fantastic job. I only hope that one day I
can come up to the skill level of the foxes that I've heard since I
started this. You guys are top notch!

Until Thursday!

John, KB1ENS

"Hare, Ed, W1RFI" wrote:

>
> Hello, guys and gals,
>

> Thanks for a great time!
>
> Let me start by saying that this was a humbling experience! I had, of
> course, spent hours dreaming about how well I would do in the pileup and
> what records I would break. :-). I guess that being a QRPer, I don't get
to
> hear pileups often enough, because I made just under 60 QSOs for two hours
> work. My apologies to those I missed; I know that a number of folks
missed
> their pelts. I just couldn't pull you out of a crowd.
>
> Conditions were good on my end. QRN was low and though the SSB and
digital
> QRM caused some problems, when the frequency was clear, I heard most
> stations pretty well. I could tell, though, that the conditions "out
there"
> were not as good; even when I switched to 5 W, I was hearing a number of
> stations better than they heard me. On more than one occasion, I
repeatedly
> went back to a station, sending his call twice, the exchange, then his
call,
> only to find that he hadn't heard me. (What was suprising is that these
> stations seemed to always hear me sent "TU" or "QRZ?" because they were in
> there 559 or better every time.) I guess the QRN and SSB really played
> havoc. I finally switched over to a "one try" mode, just to get the QSO
rate
> back up.
>
> I think I got spotted on on the cluster at some point, because just after
I
> switched to 5 W, what had been a very mannerly pileup with familiar calls
> suddenly changed in character. A number of unfamiliar calls were in the
> "constant call" mode. At this point, I was full QSK and was surprised at
the
> number who QRM'ed their own QSOs. I really don't think that some of them
> could hear me at all, but were just tossing their calls at me, perhaps
> thinking I was rare DX. :-)
>
> But, as I have learned to expect from this community, our QRP bretheren
and
> sistern were as well behaved as conditions would allow. In many cases,
> those who didn't come back to my replies were being courteous, not calling
> unless they were pretty sure THEY were the hound. Seeing such operating
> courtesy was a very enjoyable part of this for me.
>
> Here is my preliminary log. I have one "busted" call, NJ9A; the QRP-L
> number I think I copied does not match and his license expired 3 months
ago.

> (Coulda' been my penmanship!) Other than that, I think I got most of it
> right. Please send any corrections to w1rfi@arrl.org.

>

> W1FB Fox Log 3/15/00 UTC

> Nr	Time	Station	Sent	Rec'd	SPC	Name	QRP-L number
------	------	---------	------	-------	-----	------	--------------

> Notes

> 1	0300	K1JD	579	589	RI	John	1945
> 2	0302	W8RU	579	559	MI	Ron	188
> 3	0304	K1QM	599	579	MA	Joel	337
> 4	0306	K1VP	579	559	NH	Ed	1960
> 5	0308	WD8KQY	579	559	OH	Gary	446
> 6	0310	W1CER	579	559	CT	Dave	2156
> 7	0312	N1TP	559	339	FL	Tom	1317
> 8	0314	N1ODL	559	599	NH	Aron	1326
> 9	0315	W2APF	599	599	NA	Thaine	2062
> 10	0315	AJ4Y	559	559	FL	Paul	1795
> 11	0316	N3YSI	559	559	PA	Paul	1835
> 12	0317	VE1MT	599	599	NS	Layton	1448
> 13	0318	KC1FB	559	559	CT	Jim	29
> 14	0320	KB1ENS	599	599	VT	John	2150
> 15	0322	NJ9A	559	539	Joe	??	226 (NG)

Call

> expired - busted call?

> 16	0324	K2Q0	559	559	NY	Mark	314
> 17	0325	W2XN	559	539	FL	Fred	1728
> 18	0327	N9AW	559	559	WI	Jerry	1271
> 19	0330	N2ZHY	559	359	NJ	David	2067
> 20	0332	NK9G	559	559	WI	Rick	2061
> 21	0324	N4ROA	559	339	VA	Dan	970
> 22	0328	N5TW	559	559	TX	Tom	1474
> 23	0332	K2JQ	559	339	NY	Dick	1811
> 24	0339	K3NY	559	559	MD	Nick	1927
> 25	0342	K8DD	559	549	MI	Hank	246
> 26	0348	K8CV	559	559	MI	Walt	935
> 27	0350	N0EA	559	559	MO	Wayne	1058
> 28	0352	K0EVZ	559	549	ND	Doc	861
> 29	0353	AF4PS	559	559	FL	Mac	704
> 30	0354	KF2PH	559	559	NY	Nick	13
> 31	0356	W2XS	559	559	NY	John	100W
> 32	0359	K0PC	559	339	MN	Pat	1964
> 33	0402	K0EVZ	559	589	ND	Doc	861
> 34	0417	W2ZK	579	579	NJ	Ted	2158
> 35	0418	W0CH	559	559	MO	Dave	618
> 36	0422	KT0II	599	459	CO	Ron	928
> 37	0423	WS4S	559	559	TN	Conard	993
> 38	0425	W1XT	559	579	AZ	Bob	262
> 39	0427	N0DT	559	559	MO	Dan	1004
> 40	0429	W2XN	559	559	FL	Fred	1728

> 41	0430	K4LL	559	559	KY	Len	5W
> 42	0432	W4BWS	559	559	FL	Don	1557
> 43	0434	NV4V	559	559	KY	Pete	1721
> 44	0436	NC90	579	559	IL	Skip	913
> 45	0438	N5GJQ	559	569	LA	Mike	5W
> 46	0441	W0DC	559	599	MN	John	1945
> 47	0444	W9VES	579	569	NJ	Dave	1W
> 48	0447	N0RC	559	339	CO	Rod	1764
> 49	0448	N5UW	559	339	OK	Clif	478
> 50	0449	N0AR	579	559	MN	Scott	1455
> 51	0450	VE5RC	559	119	SK	Bruce	886
> 52	0453	W0JOE	559	559	MO	Joe	1901
> 53	0455	N8NRG	559	559	MI	Bill	5W
> 54	0456	N3EFN	559	599	PA	Bernie	10W
> 55	0458	K5FNW	559	559	TX	Dave	5W

>

> I worked a few QSOs after 0500, but 0500 was the end of the 2-hour window,
> so those QSOs are not actually FOX Qs.

>

> 73, Ed Hare, W1RFI

--

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Date: Wed, 15 Mar 2000 13:38:08 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [65758] Need help with 20 mtr beam
Message-ID: <20000315.133810.-301163.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High y'all
it's me again... u'all pray cause I'ze going outside to install a four
element wire beam for twenty meters... gonna hang it vertically... with
the center about 40 ft off the gnd and spacing about .2 wave for each
element...
I will report iff I get to return.... it's warm today and murphy is
roaming about....

Joel KE1LA

In Maine

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 15 Mar 2000 13:38:41 -0500

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [65759] RE: W1FB and 40 meters

Message-ID: <125490A005E3D3118C9C00805FC743CC08D42A@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

> I wonder, not for the first time, why we seem
> to focus so much QRP effort on 40m.

I have wondered the same thing myself. Almost half of the country was essentially shut out of the hunt, with my being on the East Coast. Had I stated earlier, say 0200 instead of 0500 Z, things would have been even more dismal, with some of the 0 land stations not able to make it. I picked the time deliberately, well pasy my usual 0200 Z bedtime, to maximize coverage to the west. The East Coast stations have had a natural advantage to working both W1FB and the original TT2.

It seemed, too, that 2 hours was not quite enough. Let me toss up a strawman and ask if a 3-hour hunt, with 1-hour on 40, 1 hour on 30 and 1 hour on 20 might not be workable? Which hour is which could either be fixed, or left up to the Fox. Could even get REAL daring and let the FOX QSY bands any time, just like in a real contests or dxpedition. :-) Would only work if one could work the fox only once, though, otherwise the big guns would get the QSOs on every band.

Just another Hare-brained idea? Discussion?

73,

Ed Hare, W1RFI

-----Original Message-----

From: Gary Lee Phillips [mailto:ka9nzi@arrl.net]

Sent: Wednesday, March 15, 2000 9:51 AM

To: Low Power Amateur Radio Discussion
Subject: FOX: W1FB and 40 meters

Couldn't hear W1FB between 0300 and 0400Z at all in Northern Illinois, though I could hear a few people calling and fewer actually succeeding.

At about 0408Z I began to hear him (my guess is he switched rigs as predicted.) However, the noise and QRM was so horrendous that I became discouraged and gave up at 0430 (way past my bedtime anyway.) I was using an HW-8 and a long wire with a transmatch, which I admit is not going to be as successful as some other configurations might (though I worked W1FB during the "super-secret" event without much trouble using the same equipment.)

Combined with the posts yesterday about 15m. (my favorite band) I wonder, not for the first time, why we seem to focus so much QRP effort on 40m. It just seems like a poor choice for so many reasons. QRM from phone and SWBC stations, high QRN levels, crowded conditions in a narrow band that put foreign digital signals right on top of 7.040, etc. etc. 20m. suffers from a lot of the same, plus worse crowding.

I would think 30m. should be a better choice for QRP use for lots of reasons, not the least of which is no phone signals. My own experience has shown 18m. to also have tremendous potential and far less QRM. 15, 12, and 10m. are also good, though perhaps less so at night during low sunspots than right now.

Are we clinging to 40m. mostly for historic reasons? Or are there continuing causes that keep QRP events from moving to higher frequencies?

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-ARCI #5154 <http://www.netcom.com/~fuffle/>

Date: Wed, 15 Mar 2000 14:06:50 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [65760] [FOX]: W1RFI Sweetens the pot :-)

Message-ID: <125490A005E3D3118C9C00805FC743CC08D42E@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I had such a good time, I gotta' start playing as a hound more often. :-)

Anyway, I managed to find a 2000 Handbook and ARRL Antenna book that must have fallen off the back of a truck. (Actually, they were in the scratched cover bin.) To make the hunt a bit more interesting, I will sweeten the pot and offer the two books as unofficial prizes from the Central Connecticut QRP Club (W1FB) to the top two hunters for the year. In the event of a tie, the first two hunters to appear in the final log will be the winners, with the #1 op getting first choice. The books will be signed by as many club members as we can manage to find.

If there is a tie and both hunters are not in the final log, or some other such snafu, I will do what seems fair. :-)

73,
Ed Hare, W1RFI

Date: Wed, 15 Mar 2000 14:13:31 -0500
From: "Robert Leavitt" <leavittkid@mediaone.net>
To: <qrp-l@Lehigh.EDU>
Subject: [65761] RCVR:Synchronization
Message-ID: <000301bf8eb2\$8fdfe080\$c0609318@ne.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for instructions on how to synchronizing my receiver with my transmitter so I know I am receiving on the right frequency.

Thanks

Drew Leavitt
KB1DHB/AE

Date: Wed, 15 Mar 2000 14:12:30 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'n0tu@webaccess.net'" <n0tu@webaccess.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65762] RE: [FOX]: W1FB tonight
Message-ID: <125490A005E3D3118C9C00805FC743CC08D431@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> But there'll be other W1FB events I'm sure.

Don't think you could have made it from CA on 40 at 0500 Z, at least not through the pileup. I wonder, did any 6- or 7-land stations hear me?

As to other events, we are planning a "DXpedition" for Field Day, probably to RI. Might be able to put RI into a few 2XQRP logs. :-) With luck, I will have a K2 by then, although the 40 meter rig will probably be the TT2.

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----
From: Steve/n0tu [mailto:n0tu@webaccess.net]
Sent: Tuesday, March 14, 2000 9:38 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [FOX]: W1FB tonight

Ditto, I'm stuck in a dinner meeting about the time you read this! And the hounds will be bailing over the beloved W1FB memorial FOX. But I have no rig, no way to excuse myself for an urgent phone call and W1FB pelt!! But there'll be other W1FB events I'm sure.

Steve/n0tu - temporarily in Bodega Bay, CA

-----Original Message-----
From: Dan W. Dooley <dandooley@pipeline.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, March 14, 2000 4:21 PM
Subject: Re: [FOX]: W1FB tonight

>And here I set in a hotel room in Tulsa tonight, sans radio.....
>
>Dog-gone-it! Why didn't I bring the DSW-40?
>
>
>Dan W. Dooley WB5TKA Bedford, Texas EM12ku
> e-mail to: dandoooley@pipeline.com
>May Goddes love blest ye alle
>SOC#198
>"Ancient Pistol, I do partly understand your meaning."
>
>
>-----Original Message-----
>From: Hare, Ed, W1RFI <w1rfi@arrl.org>
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Date: Tuesday, March 14, 2000 3:07 PM
>Subject: [FOX]: W1FB tonight
>
>
>>Hi, guys,
>>
>>Just a reminder, W1FB, CT, Ed, #2222 will be the fox tonight at 0300-0500
Z
>>on or about 7041.5 or 7039.5, depending on QRM and my crystal. I will be
>>using the Tuna Tin 2, about 800 milliwatts, conditions warranted, and will
>>switch over to my Omni D if the rate slows way down. Antenna is a
40-meter
>>inverted vee at about 45 feet.
>>
>>
>>73, Ed Hare, W1RFI, op tonight for W1FB
>>
>
>

Date: Wed, 15 Mar 2000 11:21:44 -0800
From: Bill Jones <kd7s@psnw.com>
To: w1rfi@arrl.org, qrp-l@lehigh.edu
Subject: [65763] Re: W1FB and 40 meters
Message-ID: <38CFE2C8.CD80A44D@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe I know the answer to the question:

> I wonder, not for the first time, why we seem
> to focus so much QRP effort on 40m.

Look around the typical QRPers shack. Count the number of QRP rigs capable of operating on 40, 30, 20, 17, 15 or 10 meters. Do you see a trend?

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Wed, 15 Mar 2000 11:24:53 -0800
From: Ed Loranger <we6w@qsl.net>
To: CB&RL Waldrop <cbrlwaldrop@pullman.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65764] Re: QRQ net -- Burning the airwaves.
Message-ID: <38CFE385.3AB6@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang, I was asked for some tips on sending with the bug at the higher speeds. Here's what I came up with:

Hi Barney. That is very good you are going on a trip next Monday. It is absolutely no problem sending you the net update email.

About using the bug, high speed or not, I found a few tricks that really help:

- 1) Concentrate in perfect horizontal movement of the paddle pieces. Any vertical movement causes an extra dit or drawn out dah.
- 2) Try to feel that the thumb and finger are part of the paddle pieces. In straight key sending the practice is to not go all the way up on the knob after switch closure, you are to try to only bring the knob up part way in between elements of a character and only bring it up all the way after completing

a character. With the bug, I try to not allow the dah paddle to fully release. Also, I have my bug set up with the contacts as close as possible and still allow control. It is near to what my iambic paddle is set to. Also try to keep the dit swing and the dah swing about the same. This is a tough one since you need a certain amount of motion for reliable dits -- and the duty cycle of the dits is harder to set. I have used my oscilloscope and a battery, or the rig keying voltage as displayed on the scope and that gets me to a good duty cycle.

I do it by ear now that I've trained myself to know what the correct duty cycle sounds like.

3) After 30 WPM, the dahs are very difficult to shorten if you are using thumb muscles to move the thumb, and finger muscles to move the finger. It just isn't fast and reliable enough. Instead, practice keeping the thumb and finger close to the paddle pieces and pivot instead at the wrist from side to side. You'll soon find you can send the dahs much faster and also concentrate in feeling the finger/thumb stick to the paddle pieces. These days I send left handed and the thumb at dahs and index finger at the dits. I did turn the paddle knob around so the index finger is still at the tall knob and thumb on the flat paddle piece. The point is that you don't have to rely on the better reflexes of your primary hand. In fact, reflexes are bad and can be jerky and unreliable. Focus on practice, maintaining 3:1 dah/dit ratio and keeping the bug in tune.

One major difference in using the bug at QRQ is that you have to get the timing again as you change speeds since it is you that makes each dah length, not just when they stop, as in a keyer.

Oh, after running the bug at 62 WPM last Sunday and keeping the dahs so short, Ben mentioned I sounded like a keyboard operator at 30 WPM in a ragchew afterwards. That effect lasted about an hour and am again working on that smooth sound. Hopefully over time the effect will linger.

C-ya on the net. 72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA

Loan officer job? No. No one gets credit for my work.

Date: Wed, 15 Mar 2000 11:29:47 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65765] Source of 8 pin DIN Female for microphone.
Message-ID: <38CFE4AB.7D75@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, I picked up a microphone for a K2 at
radioshack. It is a dynamic microphone for
\$22.00 out the door with tax.

They didn't have a female 8 PIN threaded connector
to wire up so I'm asking if anyone knows where I
can get one to match the K2?

HSC has none in stock. Also, I wanted to wire
up an adaptor from the 5-pin mike to 8 pin SSB
connector but can't find any of these either.

72 Ed we6w (Ready to hack the end off that microphone!
They called him "Hack".....

--
-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Loan officer job? No. No one gets credit for my work.

Date: Wed, 15 Mar 2000 14:52:26 -0500
From: Joseph Trombino Jr <joebarb@wilmington.net>
To: QRP-L@LEHIGH.EDU
Subject: [65766] AEA cross-needle meters
Message-ID: <3.0.6.32.20000315145226.00905100@wilmington.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang:

A while back someone on the list was selling SWR/Reflected power
cross-needle meters made for(by) AEA products. Of course, I didn't make a
record of the posting and would now like to buy one for an antenna tuner

project.

Would appreciate if the QRP'er who had the items for sale would please contact me via private email.

72, Joe W2KJ (North Carolina)

Date: Wed, 15 Mar 2000 12:24:26 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-1@lehigh.edu
Subject: [65767] FS
Message-ID: <200003151220721.SM00156@206.100.200.60>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

For Sale
Ten Tec Scout 555 with Noise Blanker
Includes Modules for 40, 20, 15, & 10M
Includes Moble Mike, and 937 Power Supply
Manuals also Included

A favoriate FD rig in very good condition
\$550 Shipped in CONUS

New Price for all \$739

Ed WD7Y 775-825-5163
wd7y@pyramid.net

Date: Wed, 15 Mar 2000 13:36:27 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65768] Re: TT30 output PI filter
Message-ID: <013501bf8ebe\$27d58ba0\$a6101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Back to the drawing board.

Got mail from Bruce, W6TOY. He modeled the circuit in ARRL's Radio

Designer. The filter works great--AT 7.1MHz--!!!

I'll try again this weekend when I have more time.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Rod, N0RC <n0rc@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, March 15, 2000 9:29 AM

Subject: TT30 output PI filter

> Folks:

>

> I've calculated values for the 2 stage PI network to couple the
> output transistor to the antenna.

>

> to C12 <---+--- L1 ---+--- L2 ---+---<

>

>

> C1 C2 C3 -> to 50 ohm ant

>

>

> -+-----+-----+---<

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>

Date: Wed, 15 Mar 2000 12:42:57 -0800

From: Ed Loranger <we6w@qsl.net>

To: kd1yv@mindspring.com, Joel Dennison KE1LA <hamjoel@juno.com>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65769] Re: Source of 8 pin DIN Female for microphone.
Message-ID: <38CFF5D1.2013@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the many excellent responses on
the SSB Female connector for the microphone.

Here was the best overall:

>begin quote<

Assuming that this is a standard 8-pin DIN connector, I bought one at
R/S a
couple of months ago to use for PSK31 on my Icom. It is catalog number
274-025

B. Maybe you could try another R/S store, or get them to order it for
you.

>end quote<

And I asked if it was with the threaded connector because
the one I saw at RadioShack was push-on, and Jim
replied again with:

>quote<

Perhaps that's what the B suffix is on mine. It is definitely a
thread-on
connector.

--

72/73 de Jim, KD1YV

<end quote>

So thanks Jim and all the rest of you fine people
for getting back to me.

I'll look for the RadioShack: 274-025B connector today. In
fact, I'll call ahead and have it waiting for me!

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068

<http://www.qsl.net/we6w> Santa Rosa, CA

Loan officer job? No. No one gets credit for my work.

Date: Wed, 15 Mar 2000 13:52:16 -0700

From: Bob Nielsen <nielsen@primenet.com>
To: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65770] Re: [FOX]: W1FB tonight
Message-ID: <20000315135216.B458@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Mar 15, 2000 at 02:12:30PM -0500, Hare, Ed, W1RFI wrote:
> > But there'll be other W1FB events I'm sure.
>
> Don't think you could have made it from CA on 40 at 0500 Z, at least not
> through the pileup. I wonder, did any 6- or 7-land stations hear me?

Ed,

I listened around 0300 and couldn't hear you, but you were definitely
there (339) just before 0500. The QRM was horrendous.

73,

Bob, N7XY

--
Bob Nielsen, N7XY (RN2) nielsen@primenet.com
Tucson, AZ DM42nh QRP-L #1985 SOC #77 <http://www.primenet.com/~nielsen>

Date: Wed, 15 Mar 2000 15:57:34 -0500
From: "Mark Erbaugh" <mark@microenh.com>
To: <qrp-l@Lehigh.EDU>
Subject: [65771] Mailing list question
Message-ID: <000b01bf8ec1\$177c07e0\$0e00000a@p300>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am using Outlook Express as my Email reader. For other mailing lists, I am
able to create a rule that automatically places mail from the list into a
specific folder. I am able to do this because the subject contains the
mailing list name, i.e. [Elecraft], and have a rule to place any message
with [Elecraft] in the subject into my 'Elecraft' folder. However, it
appears that there is no such identification on this list. Since I don't
have a rule to move the qrp-l messages, they just sit in my inbox and make
it difficult to tell which messages came from the list and which messages

came to me directly (i.e. from clients) and are probably 'more important.'

73,
Mark

Date: Wed, 15 Mar 2000 13:01:21 -0800
From: Ed Loranger <we6w@qsl.net>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65772] RE: [FOX]: W1FB tonight
Message-ID: <38CFFA21.2683@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, Yes, Ed, I know "I" heard you. Spent all of the 2 hours listening and finally felt you might hear me when the 229 signal of yours seemed stable. My calls were just before the 2nd hour started and of/on from there. I called it QRT with 20 minutes to go and had dinner :)

Came back for the last 5 minutes and you had the same signal. Obviously no chance here on the west coast. This morning the propagation was horrendous, I heard a qrp'er calling cq but I had to get to work. He was abnormally weak. I think the band went south and stayed there after the hunt.

Next time ol' boy.

72/Ed we6w

P.S. Those are great prizes. I feel sorry for the Alaska and Hawaii ops vying for top fox status though, heck I feel sorry for CA as well :) hmmmmmm..
Maybe the annual discussion will come up again today, whether the mean Fox-to-hound distance should be used to calculate actual hunting success.

You know, What is the mileage total for all

foxes landed from your qth. I like that one!
Don't ask me to do the math....

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Loan officer job? No. No one gets credit for my work.

Date: Wed, 15 Mar 2000 15:13:58 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <mark@microenh.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65773] Re: Mailing list question
Message-ID: <003501bf8ec3\$639a80a0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mark, you will probably get lots of replies on this one. It is fairly easy to do.

Depending on which version of OE you're using the steps are very similar. I've got ver. 5 on my workstation and 4 on the laptop. For some reason the laptop Windows install doesn't like 5. That's another project and story....

Anyhow, assuming ver. 5. Go to Tools/Message Rules/Mail. I'm sure you know that though. Instead of relying on content within the Subject box, go to the "Where the To line contains people" choice. In that line, enter "Low Power Amateur Radio Discussion". Then simply tell it where to put those messages.

Works for me....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Mark Erbaugh <mark@microenh.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 15, 2000 2:57 PM
Subject: Mailing list question

> I am using Outlook Express as my Email reader. For other mailing lists, I
am
> able to create a rule that automatically places mail from the list into a
> specific folder. I am able to do this because the subject contains the
> mailing list name, i.e. [Elecraft], and have a rule to place any message
> with [Elecraft] in the subject into my 'Elecraft' folder. However, it
> appears that there is no such identification on this list. Since I don't
> have a rule to move the qrp-l messages, they just sit in my inbox and make
> it difficult to tell which messages came from the list and which messages
> came to me directly (i.e. from clients) and are probably 'more important.'
>
> 73,
> Mark
>

Date: Wed, 15 Mar 2000 13:19:49 -0800
From: Paul Erickson <paule@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Multiple recipients of
list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
Subject: [65774] Field Day special antenna ?
Message-ID: <38CFFE75.3D8134AA@sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would like to talk to anyone who has used the FD special antenna.
The eznecc model looks good, but I need some more details on actual
construction.

--
cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Wed, 15 Mar 2000 16:45:11 EST
From: Wa3ptg@aol.com
To: qrp-l@lehigh.edu
Subject: [65775] HB: W1FB transmitter
Message-ID: <4.1c6459d.26015e67@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I built a "Poor Hams" transmitter from the 1985 QRP book. Used matched 2N4401s in the final. Each transistor has a 5.6 ohm emitter resistor. Doug says in the book that the emitter resistor helps balance the load between the finals.

Since I matched the 2N4401s by gain, could I omit the emitter resistors without frying the finals?

I should try it for myself, but right now an RF amp for the transmitter, and a better receiver seem more important.

Does building the "Poor Ham's" transmitter constitute an admission of poverty?

Yup! We poor.

Semity-tu
de Doubleyafreepeeteegge

Date: Wed, 15 Mar 2000 13:54:21 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Wa3ptg@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65776] Re: HB: W1FB transmitter
Message-ID: <20000315215421.26818.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I don't have any first hand experience, but I would say DON'T DO IT! I suspect one transistor will kill the other without the resistors - and even if you double the power it will be hard to notice on the receive end! I suspect more than just the gain of each transistor is involved - for example they may not draw the same bias current. PA's need to be prudently designed to prevent instability.

curt wb8yyy

--- Wa3ptg@aol.com wrote:
> I built a "Poor Hams" transmitter from the 1985 QRP
> book. Used matched
> 2N4401s in the final. Each transistor has a 5.6 ohm
> emitter resistor. Doug
> says in the book that the emitter resistor helps
> balance the load between the

> finals.
> Since I matched the 2N4401s by gain, could I omit
> the emitter resistors
> without frying the finals?
> I should try it for myself, but right now an RF amp
> for the transmitter, and
> a better receiver seem more important.
>
> Does building the "Poor Ham's" transmitter
> constitute an admission of poverty?
>
> Yup! We poor.
>
>
> Semity-tu
> de Doubleyafreepeeeteeggee
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 15 Mar 2000 16:55:19 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ka9nzi@arrl.net" <ka9nzi@arrl.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [65777] FOX: W1FB and 40 meters
Message-ID: <200003151658_MC2-9D30-283A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gary:

In addition to what Ron KU7Y has said in his post, the simple explanation is that when Chuck Adams started the FOX hunt (and it is still *his* as I understand it), he chose 40 as being the best all around band. During dinner one evening in Minneapolis I asked him about it, and he said that 40 is always open *somewhere* and in any event, it was his favorite band. At that time he had been working that band 38 years :-).

So since it was his idea and invention/contribution, he selected the band.

It has worked pretty well, too. Even last evening, with 800 mW from the W1FB station on CT, there is still a pretty healthy FOX log after all, and lots of guys were able to make QSOs amid tremendous QRM of all kinds, including SSB, RTTY, CQ's and even some *LOUD* QSO's almost dead-on Ed's xtal frequency.

I believe we will always continue this 40 metre hunt. It takes skill and patience and experience and a good installation to be successful, but the hunt continues to grow and become more popular every season. It may well be that we can develop some additional "FOX"-type hunts, but my vote is to keep the Granddaddy of them all.

Thanks to Chuck Adams for giving us all this invaluable tool, which may have done more than we will ever know to re-vitalise and energise CW and ham radio and particularly QRP.

Just my \$.03 worth :-).

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Wed, 15 Mar 2000 16:55:22 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "INTERNET:w1rfi@arrl.org" <w1rfi@arrl.org>

Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>

Subject: [65778] [FOX] W1FB Preliminary log and comments

Message-ID: <200003151658_MC2-9D30-283C@compuserve.com>

MIME-Version: 1.0

Content-Transfer-Encoding: 7bit

Content-Type: text/plain;

charset=us-ascii

Content-Disposition: inline

Ed:

Sure 'nuf, I did indeed DUPE unintentionally. Sorry for that. Sure don't mean to do that, ever, but last evening the QRM was heavy that I was not absolutely certain of your confirmation. And to anyone else, please forgive me if I "stepped" on you inadvertently.

It was a great hunt, and Ed did a truly remarkable job with his tiny rig.

Even after 40 years I am still amazed how much one can do with comparatively simple gear and low power. Someone has sent me a TT-2, and soon I hope to venture bravely out with it :-).

Setup last evening was K2 #556 into the 540' horizontal loop up 33'. Had the double bazooka and GAP tuned and ready, just in case. But the loop was clearly superior and fading was considerably reduced when using it.

Report from Properties/Building/Constitution Committee

Date: Wed, 15 Mar 2000 16:55:21 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:K7GT@aol.com" <K7GT@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [65779] W1FB/FOX
Message-ID: <200003151658_MC2-9D30-283B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Allan:

Well thanks for the signal report. The rig was the K2 #556, which recently came back from its builder, Ed Loranger WE6W. He put in all the remaining available modules and re-calibrated the four CW filters. Wow, it is even better than usual. For FOX hunting, having two VFO's is extremely useful, as it helps avoid accidentally QRMing the FOX's frequency.

Last night I still wished for a couple of features the wonderful K2 does not have, though--an IF shift and a Notch filter. Believe they would have helped, though the K2 certainly did it's job FB.

Report from Properties/Building/Constitution Committee

Date: Wed, 15 Mar 2000 17:05:56 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [65780] FS Tape Drive
Message-ID: <00d001bf8eca\$a466c600\$e4e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

Sorry about the band width. I have a Colorado
T3000 tape drive with the accelerator card for sale.

If interested please e-mail me direct.

Thanks,
72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

Date: Wed, 15 Mar 2000 17:26:53 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [65781] WTB: Elecraft K2
Message-ID: <01dd01bf8ecd\$90c2f940\$5c725acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The subject says it all. If you have one that is assembled and for whatever
reason want
to sell it, please send me the details
Thanks
tim

NZ8J

Date: Wed, 15 Mar 2000 16:45:35 -0800
From: "Pat Cain, K0PC" <pcain@netscape.net>
To: w1rfi@arrl.org, qrp-1@lehigh.edu
Subject: [65782] Re: [FOX] W1FB Preliminary log and comments
Message-ID: <4.2.0.58.20000315163902.00a337f0@pop.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Ed,
Thanks for a great Fox Hunt last night. There's nothing like coming home from a boring meeting of the 2-Meter FM group and having fun on the real radio! I've got to ask the question though. When did you switch from the TT2 to the 5W rig? Did I get a real TT2 QS0???
Inquiring minds want to know!

73,
Pat K0PC

Date: Wed, 15 Mar 2000 17:07:01 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [65783] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.1000315165917.6051B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

Fox Hunt 35 - N0UR -

20th. MAINE BENGAL BEARS:Total=13 BLUE J's:Total=15

Jim - N5IB

John - VE3JC <-

Butch - N5SMQ
Bill - NT1R <-
Joel - KE1LA

Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

EMPIRE HOUNDS:Total=20

Dick - K2JQ
Kevin - N2T0
Mark - N2JTW
Nick - KF2PH

HOUSTON HOUNDS:Total=100"Sweep"

Bill - K5ZTY
Bill - W5SB
Terry - KQ5U
Dan - KK5LD

MANGY MUSHERS:Total=82"Sweep"

Pete - NV4V <-
Paul - VA7NT <-
Bruce - N7RR <-
Ed - K1VP <-

NIGHT OWLS:Total=54

Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=68

Cliff - N5UW <-
Royce - KE5TC
Don - K5AAR <-
Gody - AC6UV

RAIDERS OF THE LOST RF:Total=61

Fred - VE3FAL
Earl - VE6EWM <-
Mary - NA6E
Bruce - VE5RC <-

SCATTER SHOT GUNNERS:Total=81

Mike - K1MG
Jack - W5TFB
Stan - N6XU
Pat - K0PC <-

SFBA FOGHORNS:Total=24

Bob - N6WG
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWAMP RATS:Total=104"Sweep"

Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN <-
Paul - AJ4Y <-

SWORDS:Total=56

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE <-

TEAM CRAMP.COM:Total=47

OJ - K10J <-
George - K5VUU <-
Mike - K5NZ
Eric - NM5M

TEAM ScQRPion:Total=93

TESLA'S TERRORS:Total=125"Sweep"

Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S <-
Bob - NK7M <-

TEXAS TARANTULAS:Total=89

Bill - K5LN
Dave - N5IW <-
Bob - AF5Z <-
Tom - N5TW <-

WESTERN WRANGLERS:Total=49

Randy - K7TQ <-
Chuck - K7QO
Steve - WW7Y <-
Ron - KU7Y

Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

UNDERDOGS:Total=102

Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN
Ron - KI0II <-

NORTEX Irregulars:Total=15

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 15 Mar 2000 15:15:23 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65784] 20 meter test reminder.
Message-ID: <38D0198B.6FB8@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang, just a quick reminder I'll be on
14.06 to 14.062 KHz tonight from 0130 to 0230
Zulu time testing out the DSW-20 rig. I'm
interested in some quick qso's to see
how the rig performs.

Setup: Norcal paddles, ZM-2 ATU, DSW-20
at approx: 2 watts, twisted teflon feedline
to 40 meter folded dipole that loads up well.

Drop in and say "hi".
-Ed
--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
http://www.qsl.net/we6w Santa Rosa, CA
Loan officer job? No. No one gets credit for my work.

Date: Wed, 15 Mar 2000 16:46:27 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [65785] For Sale - W7DIB Estate
Message-ID: <20000315.164630.-36799563.0.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Used Ham Gear - W7DIB Estate - Can Email Photos on Request

Vibroplex Brass Racer #04363 (Good but not mint)	\$80.00 PP
Keyer factory built in, battery fastened to top with velcro easily returned to original.	
Vibroplex Brass Racer #03262 (Good But Not Mint)	\$60.00 PP
MFJ - 1026 Noise canceling signal enhancer	\$125.00 PP
Ameritron QSK-5 External QSK switch for Amps	\$220.00 PP
Ameritron AL-811H Amplifier - prefer local deal	\$600.00 +
Kenwood TS-50 HF Transceiver	
\$500.00 +	
Kenwood AT-50 Auto Antenna Tuner	\$225.00 +
MFJ 931 Artificial Ground	\$40.00 +
Astron R35M Power Supply 25 amp, 35 amp surge	\$110.00 +
To be sold after TS-50 is sold	
Kenwood SW2000 SWR/Pwr Meter (Good, not mint)	\$65.00 +
With one sensor	
AEA Dry Dummy Load 1.5KW 1 to 600 mhz	\$40.00 +
QRP + Transceiver with QRP Companion	\$525.00
Updated to QRP++	

Autek RF1 Antenna Analyzer	\$95.00 PP
Ten Tec 1251 RF Counterpoise	\$35.00 +
MFJ 971 Portable QRP Antenna Tuner	\$45.00 +
MFJ 941E VersaTuner II Antenna Tuner	\$65.00 +
Kenwood SM220 Monitor Scope	\$225.00 +
MFJ 418 Morse Code Tutor with LCD	\$55.00 PP
ABCD Switch	\$10.00
Alpha Delta 4 Antenna Switch good to 500mhz	\$55.00 PP
Kenwood SP-40 Mobile Speaker	\$35.00 PP
Oak Hills SCF-1A Switched Cap. Filter	\$45.00 PP
St. Louis QRP Tuner (fair to good appearance)	\$
Alpha Delta Outpost Tripod (As New)	\$150.00 +
AEA PK-900 TNC	\$200.00 PP
Speedx Key (Paint on base chipped)	\$
AFA Mobile antennas for 75/40/20/15/10 Similar to Ham Stick but "stinger" can be removed for storage without losing adjustment	@\$15.00
Us Towers 55 ft. 3 section crank up tubular, top section \$ 3" square tubing. Must be taken down, should not be too difficult as is crank down and over	
Ham 4 Rotator - 2 years old	\$
KLM Tribander	\$
Diamond DuoBand Antenna	\$
St Louis Vertical Antenna with upgrades	\$
Yaesu FT- 480 Dual Band HT, with MH - 12 Speaker Mic and Diamond RH77B rubber duck	\$

Some of these items have not been fully identified and/or priced,
updates will follow.

For fastest response reply to kv7g@mindspring.com as I only check
my Juno email once a day, usually around 7:30 AM

Date: Wed, 15 Mar 2000 19:16:56 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [65786] HB: My SMD Rig
Message-ID: <200003152356.SAA21171@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

It's official, my new SMD rig made it's first QSO this evening,
with VE3PYG, who was running a HW-8 on 40M. Nothing like a QRP-QRP
QSO for the maiden voyage :-) Only thing left to do is put the cover
on the box!

Pretty amazing, I put something like 130 parts on a 3" x 2.7" board,
and that doesn't even include the VFO, which is a sperate module. It
all fits in a 3" wide, 3 1/2" long, 2" high box and puts out about 4
watts.

The Rx is a tad deaf, MDS is only about 1uv, but is plenty good
enough for 40. Lost a fair amount of MSD through the diode QSK
switch. Not sure what to do about that at the moment -- leave well
enough alone?

The unique thing about the Rx is it uses several NEC MMIC's. A
UPC2745TB is used as a preamp in front of a TUF-1H diode mixer,
followed by a couple of UPC8119T AGC amps, with the xtal filter
between them, then the traditional NE602 product detector and audio
stuff. Still no AGC circuit yet, so I just use a pot on the AGC
MMIC's as a volume control and let the audio run full tilt into the
LM386.

I had a little trouble picking up FM broadcast stations of all
things. These MMIC's are good to 1.9 GHz, so you can run into some
unexpected problems! Adding small value (220p) by-pass caps to the
supply bus and a VHF low pass filter to the input got rid of that
problem.

I did a little A-B comparison between the SMD rig and my old FT-301. The SMD rig hears at least as well, maybe even a little better. Maybe it's not quite as deaf as I thnk it is. All-in-all, I'm happy with it :-)

The Tx ended up using a few 2N3904's and a 2SC2166 for a final. I can get up to 5 watts out, but have it set a little lower to 4 watts to help ensure a clean output.

Time to play some more!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 15 Mar 2000 18:58:24 EST
From: K1JD@aol.com
To: w1rfi@arrl.org, qrp-l@lehigh.edu, eleccraft@qth.net
Subject: [65787] Re: [FOX]: W1FB tonight
Message-ID: <c.27e475d.26017da0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/15/00 2:15:56 PM Eastern Standard Time, w1rfi@arrl.org writes:

> As to other events, we are planning a "DXpedition" for Field Day, probably
> to RI. Might be able to put RI into a few 2XQRP logs. :-)

Ed - come on down!!

73,

John K1JD
Jamestown, RI
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & 583

End of QRP-L Digest 1761

